ORCHIDS

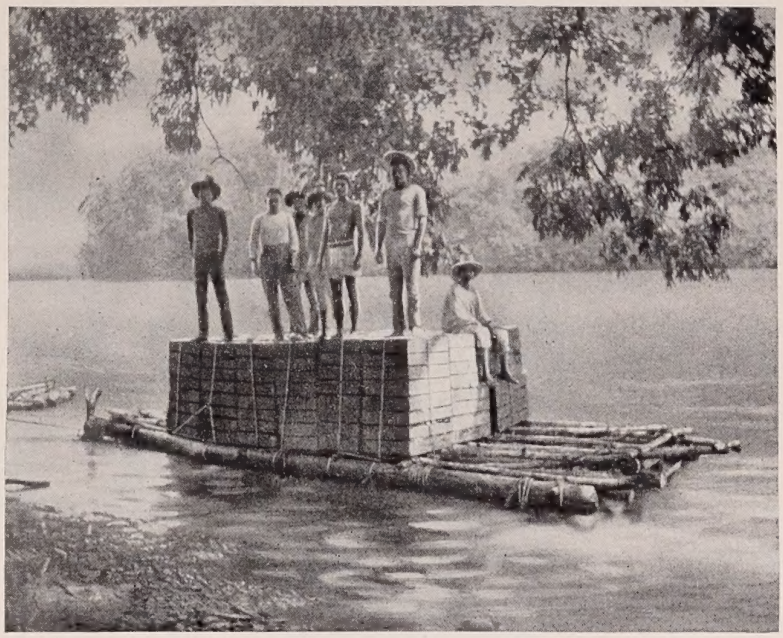
VANDA TERES

LAGER & HURRELL

SUMMIT, NEW JERSEY

Cattleya Dusseldorffii, var. Undine. *See page 8*

CATALOGED



ORCHIDS

ILLUSTRATED AND DESCRIPTIVE
CATALOGUE AND PRICE LIST

COLLECTED, IMPORTED AND GROWN BY

LAGER & HURRELL

SUMMIT, NEW JERSEY

ORCHIDS—CULTURAL DIRECTIONS

Orchids were never more popular than they are at present, due to the fact that they are, without question, the handsomest, the strangest, and the most lasting flowers in all the vegetable kingdom.

Most private collections have some representative of this queenly class of plants, while the florists are well convinced of the fact that, to keep pace with the times, they must grow Orchids, the demand for which is daily increasing. Below we are simply repeating what we have said these last 15 years regarding the culture in **general** of orchids in **this** country and we see no reason to change at present. The fact that some of our competitors have flattered us by copying these directions show that they are well adapted to our conditions.

Orchids are the most easily grown plants of any, if a few common-sense points are observed. The cardinal points are: First, plenty of air at all times; during the Summer months have the ventilators open night and day. Second, an abundance of light without being exposed to the full sun, which is too strong, but have the glass lightly shaded. Third, an abundant supply of water when watering, permitting the plants to dry out well occasionally so as not to get them sour. Fourth, place the plants from 18 inches to 4 feet at the most from the glass. A night temperature of 55-60° and correspondingly higher during the day will suit the greatest number of Orchids.

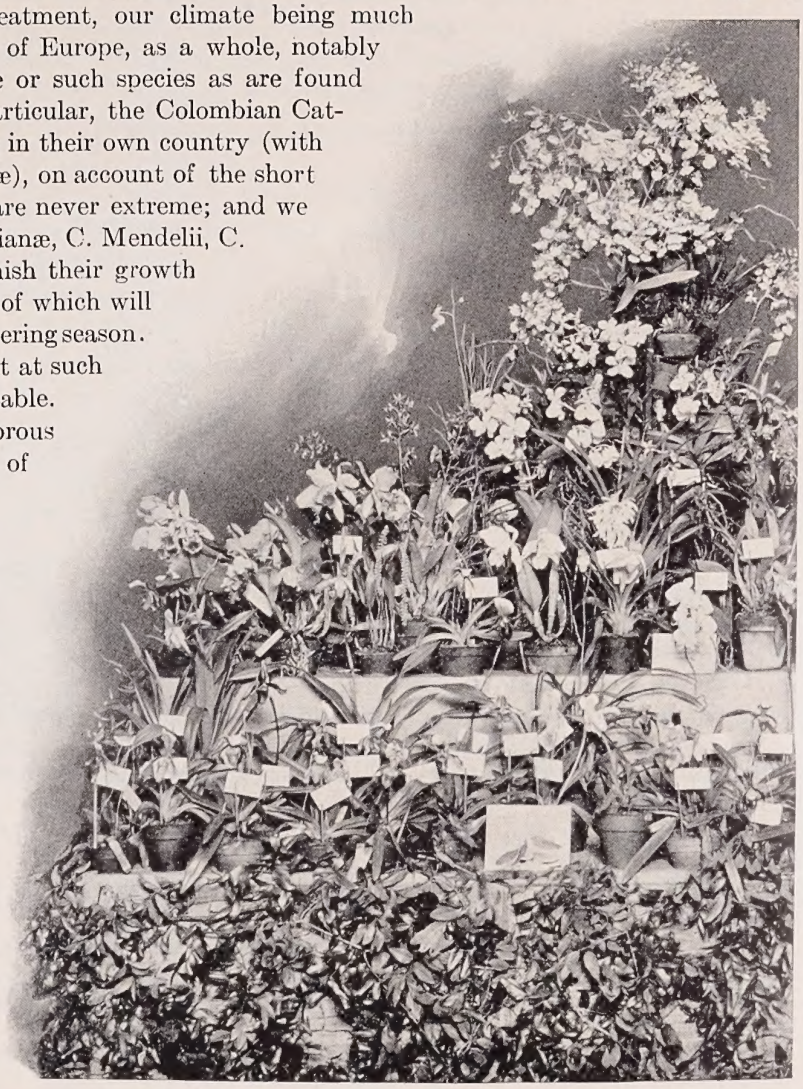
A great many Epiphytal Orchids need a season of growth and rest. The growing season commences when the plants begin to grow, when they should receive the maximum amount of moisture.

As soon as the growth is completed the plant should receive less water, so as to ripen the pseudo-bulb and thus insure good flowering. Under no circumstances, however, should water be withheld so as to cause the plant to shrivel. When the buds appear, give plenty of water, so as to develop the flower to perfection. After the flowering season is over the plant generally begins to show signs of growth, when it should receive potting or rebasketing if needed; if not, then only a top dressing of sphagnum moss, and the plant may be started into growth again. It may be well to mention in connection with the foregoing that there are exceptions to this treatment, our climate being much more favorable for Orchids than that of Europe, as a whole, notably for Orchids found on this hemisphere or such species as are found in Central and South America. In particular, the Colombian Cattleyas have scarcely any resting season in their own country (with the exception, perhaps, of C. Schrœderæ), on account of the short rainy and dry seasons, both of which are never extreme; and we find here that such Cattleyas as C. Trianæ, C. Mendelii, C. Chocoensis and C. Percivaliana will finish their growth and start another, sometimes two, all of which will be fully developed and ready for the flowering season. European growers would look indignant at such culture; here it is necessary and profitable.

The best potting material is good fibrous peat and sphagnum moss, with lumps of charcoal and potsherd intermixed.

Firm potting is absolutely necessary, as no Orchid will grow well if it is loosely potted. In repotting, care should be taken not to disturb the roots, rather break the pots, while the baskets may be taken apart carefully or set into a larger one and material worked around. Avoid overpotting and do not disturb the plants unless necessary. With these general cultural directions any beginner will be able to grow Orchids and reap a rich harvest of their exquisite flowers.

For further and more detailed information we respectfully advise the procuring of some book on Orchids. A list of such books will be found on page 47 of this Catalogue.



Classified and Descriptive Price List of Orchids

Each

ACINETA. Strong-growing plants with drooping racemes of showy, fragrant flowers related to Peristeria. Colombia.

A. Barkeri $2.50

A. Humboldtii 2.50

ACROPERA Loddigesii (*Chain Orchid*). Flowers tawny-yellow, curiously constructed.. 1.50

ADA aurantiaca. Flowers cinnabar-orange. Winter and Spring 2.50

AERIDES crassifolium. This species is one of the most beautiful of the genus of all the Aerides. Spikes long and drooping with amethyst-purple, deliciously fragrant flowers, produced in May and June. Burma.... 5.00

A. expansum Leonis ..... $7.50 to 10.00

A. Fieldingi. India ..... 2.50 to 5.00

A. Houlletianum. Flowers buff and magenta, lip creamy white with magenta blotch. Spring. Cochin China 5.00

A. Larpentiæ. (*Syn. falcatum.*) Flowers in dense racemes of creamy white tipped with crimson, lip deep rose, white and rose. India.. 5.00

A. maculosum. Habit dwarf, flowers in drooping racemes of light rose spotted with purple; fragrant. Summer. India 2.50

A. odoratum majus. A very profuse bloomer. Flowers grow in pendulous, many-flowered racemes, creamy white, blotched and shaded with pale magenta; very fragrant. China and India ..... $3.00 to 5.00

Angraecum sesquipedale

Aerides virens

Each

A. quinquevulnerum. India $5.00

A. Vandarum. A very rare species, seldom seen in cultivation; habit resembles Vanda teres, but more slender; flowers pure white, solitary, or in short 2 to 3-flowered racemes, 2 inches across vertically. November-December. India ..... $10.00 to 15.00

A. virens 5.00

ANGRAECUM articulatum 7.50

A. citratum 10.00

A. eburneum. A very large-growing plant from Madagascar ..... $5.00 to $10.00 up to 25.00

A. Eichlenianum 10.00

A. Sanderianum 5.00

A. Scottianum 3.50

A. sesquipedale. This plant attains a height of 2 to 3 feet, with leaves about 1 foot long. Flowers the largest in the genus, 5 to 7 inches in diameter, fleshy and ivory white, with a greenish spur nearly a foot long. Madagascar. $10.00 to 15.00

ANGULOA (*Cradle of Venus*). Cool-house Orchids of stately habit with showy waxen flowers; grow best in pots in a somewhat shady position and require a liberal supply of water while growing. Colombia.

A. Clowesii. Golden-yellow flowers 2.50

A. Ruckeri. Yellow and crimson flowers 2.00

Each

ARACNANTHE Lowii. (*Syn. Vanda Lowii.*) A most remarkable and rare Orchid, with long drooping slightly hairy flower spikes, 6 to 12 feet long, bearing 40 to 50 flowers 3 inches across of tawny and greenish-yellow, marked with large blotches of rich dark brown. July-September. Borneo ..... $35.00 to $50.00

ASPASIA lunata 2.50

A. variegata. Very scarce 5.00

BARKERIA spectabilis $2.50

BRASSAVOLA fragrans. A very pretty Orchid, with terete leaves; flowers profusely, with many flowers to the spray. White. May-June. Brazil 2.50

B. glauca. Flowers single on short stems, bright yellow with orange lip and fragrant. February-March. Mexico 1.50

BROUGHTONIA sanguinea 2.50

BURLINGTONIA fragrans. A Brazilian species of great beauty, requiring plenty of heat and moisture while growing; flowers in drooping racemes, white, stained with yellow down the lip ..... $1.50 to 2.50

BRASSIA brachiata. Flowers among the largest in the genus; sepals 6 inches long, light yellow-green with a few brown-purple spots; petals shorter than sepals, with numerous spots near the base; lip light yellow. Central America. $3.00 to 5.00

B. Lawrenceana longissima. A very striking Orchid with many-flowered peduncles, sepals 7 and 8 inches long, dark orange-yellow; with large, deep red-purple blotches; petals

Calanthe Orpetiana. *See page 7*

Brasso-Cattleya Imperatrice de Russie

Each

much shorter than the sepals; lip 3 inches long, pale yellow with a row of purple spots surrounding the lamellæ of the disc. September. Costa Rica $3.50

B. verrucosa. Scapes 18 to 24 inches long, flowers greenish with black-purple, lip white with dark green spots 2.50

BRASSO-CATTLEYA and **BRASSO-LÆLIA.** By this name are known hybrids derived from the intercrossing of Brassavola and Cattleyas on Lælias. They require the same cultural conditions as Cattleyas and Lælias. These are of such striking beauty that it is difficult to adequately describe them; they must be seen to be fully appreciated.

BRASSO-CATTLEYAS. All strong-flowering sizes:

B.-C. Eva (*C. Lawrenceana* × *Digbyana*) 20.00

B.-C. Imperatrice de Russie (*B. Digbyana* × *C. Mendelii*) ..... $35.00 to 50.00

B.-C. Gressii × **B. Digbyana** 25.00

B.-C. × **Holfordii** (*C. Forbesii* × *B. Digbyana*). $15.00 to 25.00

B.-C. Langleyensis (*B. Digbyana* × *C. Schræderæ*) 25.00

Camarotis purpurea

BRASSO-CATTLEYAS—Continued

	Each
B.-C. Leemanii (*B. Digbyana* × *C. Dowiana*).	$50.00 to $75.00
B.-C. Maronæ (*B. Digbyana* × *C. gigas*)	25.00
B.-C. Mariæ (*B. Digbyana* × *C. Warneri*)	25.00
B.-C. Pocahontas (*B. Digbyana* × *C. Eldorado*)	25.00
B.-C. Thorntonii (*B. Digbyana* × *C. Gaskelliana*)	25.00
B.-C. Veitchii (*B. Digbyana* × *C. Mossiæ*)	25.00

BRASSO-LÆLIAS.

B.-L. Helen (*B. Digbyana* × *L. tenebrosa*)	25.00
B.-L. Veitchii (*B. Digbyana* × *L. purpurata*)	25.00
BULBOPHYLLUM Careyanum	10.00
B. Dearii	7.50
B. grandiflorum	$5.00 to 10.00
B. Lobbii	5.00

CALANTHE. Terrestrial Orchids of vigorous growth and easy culture; specially recommended to beginners. They thrive in any ordinary greenhouse, and their handsome flowers are produced in Midwinter when flowers of this class are most esteemed.

C. Bella	5.00
C. Clive	5.00
C. Cornelius Vanderbilt	5.00
C. Jobstown	5.00
C. McWilliamsii	5.00

	Each
Calanthe Orpetiana. *See illustration, page 6*	$5.00
C. Regnierii	2.00
C. Sandhurstiana	5.00
C. Summitense	5.00
C. Veitchii. Flowers of a rich rose color on gracefully arching spikes 2 to 3 feet high; one of the most useful for cutting. December-January	$1.50 to 2.00
C. vestita	1.50
C. vestita igneo oculata gigantea	$3.50 to 5.00
C. Wm. Murray	5.00
C. Williamsii	5.00
CAMAROTIS purpurea. (*Syn. Sarcochilus purpureus.*) An extremely rare and beautiful Orchid, seldom seen in collections, with scandent stems, 2 to 3 feet high; flowers in racemes 6 to 9 inches long, light rose-purple, with the lip somewhat darker. March-April	$5.00 to 10.00
CATASETUM Bungerothi. A magnificent Orchid with large white flowers, on arching spikes. August-September. Colombia. Fine strong plants	10.00
C. callosum	$1.50 to 2.50
C. macrocarpum	3.50 to 5.00
C. maculatum	2.50 to 3.50
C. viridi-flavum	1.50 to 2.50

Calanthe Summitense

Cattleya Dowiana

CATTLEYA

The Cattleya is an exceptionally interesting and desirable subject of the Orchid family. With its closely allied genus, Laelia, it ranks among the most popular, showy and useful of all Orchids. The large, exquisitely beautiful and often sweet-scented flowers are produced in ever-changing and attractive combinations, and being admirably adapted for decorative work at all kinds of functions, they are in constant demand. Cattleyas are indigenous to the Western Hemisphere, South and Central America being the regions where they abound. The species vary in habit, but practically in all the flowers are borne on upright scapes. They are easy of culture and thrive in a medium temperature and moist atmosphere, with plenty of light and ventilation. Pots, pans or baskets in which they are placed should be well drained; use good fibrous peat and sphagnum moss, together with small pieces of broken charcoal and crocks. The plants require shading during bright Summer sunshine, though it must be remembered that they love the light, and a dark, gloomy house should therefore be avoided.

All those marked with a × are hybrids and require the same cultural conditions as the species.

CATTLEYAS. All strong-flowering sizes. Each

C. Aclandiæ. Brazil.....$3.00 to $5.00

C. × Adula (*C. bicolor × C. Hardyana*)..... 20.00

C. amethystina. (*Syn. intermedia.*)...$2.00 to 5.00

C. amethystoglossa. (*Syn. Prinzii.*) Brazil.. $5.00 to 10.00

C. × Atalanta (*C. Leopoldii × C. gigas*)..... 20.00

C. Ballantineana (*Natural hybrid C. Trianæ × C. gigas Sanderiana*).....$10.00 to 15.00

C. Bogotensis. Cundinamarea. Colombia..... $2.00 to 5.00

C. Bogotensis alba.....25.00 to 50.00

C. Bowringiana. Honduras. Nov... 2.50 to 5.00

C. Bowringiana × Lælia crispa.... 2.50 to 5.00

C. Chrysotoxa (*The Queen Cattleya*). One of the most beautiful of all the Cattleyas, with yellow sepals and petals. The entire lip is velvety crimson-maroon, with numerous yellow veins radiating from the center. June and July. Colombia.....$5.00 to 15.00

C. Chocoensis. November-December. Colombia.....$2.00 to 5.00

C. Chocoensis alba. A pure white form of the preceding.....$10.00 to 25.00

C. citrina. Tulip Orchid. Differs from other Cattleyas in bearing solitary flowers hanging downward. The large flowers are clear lemon-yellow and delightfully fragrant. Flowers during April and May. Mexico.....$1.00 to $2.50 Each

C. × Clarissa (*Loddigesii × Mendelii*)..... 10.00

C. × Cybele, Oakwood var. (*C. Gaskelliana × C. gigas*)..... 10.00

C. × Dietrichiana (*Schilleriana × Trianæ*).. 25.00

C. Dowiana. A grand species; sepals and petals rich nankeen-yellow, lip intense purple, shaded with violet-rose and marked with lines of yellow. Flowers during the late Summer and fall months. Costa Rica.....$5.00 to 10.00

C. Dubuysoniana. Brazil..... 5.00

C. Dusseldorffii var. Undine (*intermedia alba × Mossiæ alba*). Pure white. (*See 2d Cover*).....$25.00 to 50.00

C. × Ella (*C. bicolor × C. gigas*)..... 10.00

C. × Empress Frederick (*C. Mossiæ × C. aurea*)..... 15.00

C. Forbesii. A very pretty Cattleya with yellow-green flowers, lip bright yellow on the inner side, streaked with red. Brazil..$1.50 to 2.50

C. × Fowleri (*C. Leopoldii × C. Hardyana*)... 25.00

C. Gaskelliana (*The Summer Cattleya*). A fine free-growing and free-blooming Cattleya. Flowers usually a pale amethyst-purple suffused with white, but frequently deeper and more uniform. May-July. Venezuela..... $2.50 to 5.00

CATTLEYA—Continued

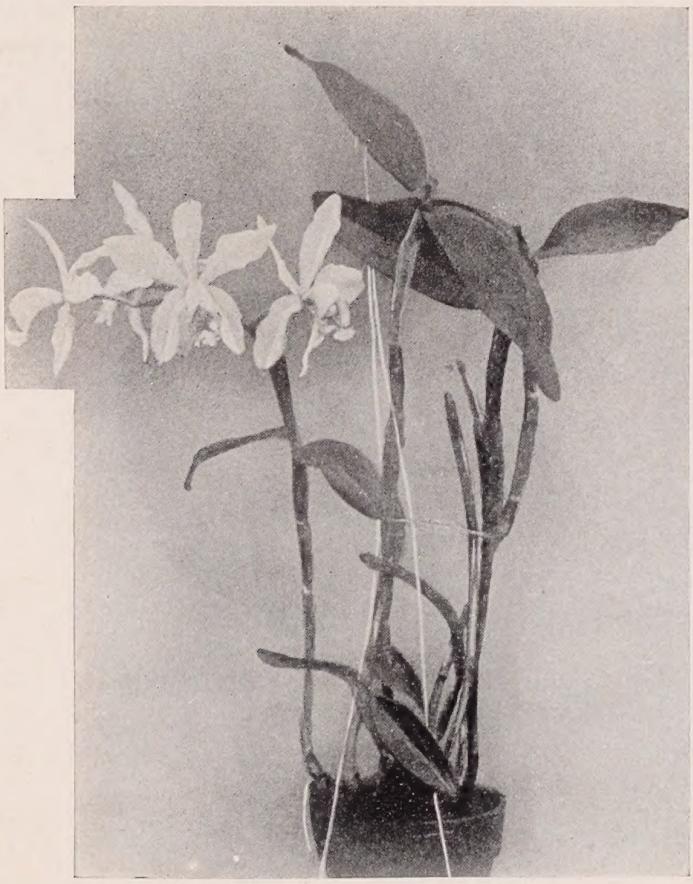
C. Gaskelliana Each
alba $25.00 to $50.00

C. × Germania (*C.Schofieldiana × C.Hardyana*) 25.00

C. gigas (*St. John's Cattleya*). Of this grand Cattleya we claim to have the finest and most distinct type in cultivation at the present day; the blooms of this extraordinarily free-flowering type are much more intense in color than the old type. A number of very valuable hybrids, including the rarest Orchid in the world, C. gigas alba, which we flowered and exhibited at the Boston Orchid Show in 1910, and many more choice things, have been flowered out of this type by several of our customers. July-Aug. Colombia. $3.00 to $5.00

Fine half specimens $10.00 to $25.00 Each
Very large specimens.....$30.00 to $50.00

Specimem Cattleya gigas Sanderiana



Cattleya Harrisoniae

C. gigas albescens. Exceedingly rare and beautiful; sepals and petals white with the faintest blush of color. The lip is rose-purple, beautifully fringed. Price on application. Each

C. gigas atropurpurea. $50.00

C. gigas Sanderiana. .....$3.00 to 5.00
Specimens.....10.00 to 50.00

C. gigas Rochellense. Next to Cattleya gigas alba, this is the rarest Orchid in the world today. Sepals and petals are pure white. The lip is large, white, with an almost imperceptible touch of color. Price on application.

C. granulosa. Flowers 3 to 4 inches in diameter, 5 to 8 on a peduncle, of yellowish olive-green with red spots; blade of lip white, with crimson papulae. Brazil..... 2.00

C. guttata. Brazil..... 2.50

C. Hardyana (*Natural hybrid, C. gigas × C. Chrysotoxa*). Probably the most gorgeous and superb Cattleyas known in cultivation. July-August. Colombia. (*See insert facing page* 16)
$25.00, to 50.00

C. H. grandiflora.....$50.00 to 100.00

C. × Harrisii (*C. Mendelii × C. Leopoldii*).... 20.00

C. Harrisoniæ. Flowers delicate rosy-lilac, 3 to 4 in. across, several flowers to the spike, of the finest for cutting. July-Aug. Brazil.
$1.50 to 5.00

C. Harrisoniæ gigantea. A fine and rare form of the preceding.....$10.00 to 15.00

C. Harrisoniæ superbissima. Flowers nearly 4 inches across, sepals and petals broad, dark rose; lip creamy white..... 10.00

C. × Heloisiæ (*Forbesii × Mossiæ*)..... 10.00

C. × interglossa.....$5.00 to 10.00

C. intermedia. Brazil..... 2.00

C. intermedia alba.....$15.00 to 25.00

C. × Iris (*bicolor × Dowiana*)..... 12.50

Cattleya labiata alba. *See page* 11

Cattleya Lawrenceana. *See page* 11

Cattleya Mantini, × Bowringiana, × Chrysotoxa.
See page 11

Cattleya Mendelii. *See page* 11

CATTLEYA—Continued

C. labiata (*Autumn Cattleya*). One of the best known and popular Cattleyas, especially valuable for cut flower growing. Our type is noted for its broad sepals and petals and rich colors. October-November. Brazil..... Each $1.50 to $5.00
Large specimens $10.00 to 30.00

C. labiata alba. (*See illus., page* 10) .... $50.00 to 100.00

C. labiata Cooksoni $50.00 to 100.00

C. labiata × Lælia cinnabarina .... $5.00 to 10.00

C. Lawrenceana. Flowers of medium size, many to the spike, rose-purple with whitish throat; a very scarce and desirable plant. Spring. Guiana. (*See illustration, page* 10.) ..... Each $7.50 to $15.00

C. Leopoldi. Brazil..... 3.50 to 5.00

C. lobata (*Lælia Boothiana*). Brazil.. 3.00 to 5.00

C. Loddigesii. Brazil. July-Aug..... 2.00 to 5.00

C. Loddigesii (Winter-flowering)..... 7.50 to 10.00

C. luteola. Brazil..... 1.50

C. Mantini × Bowringiana × Chrysotoxa. A very fine hybrid (*See illustration, page* 10.).. 20.00

C. maxima (*The Incas Cattleya*). A magnificent species, producing 5 to 10 flowers to the spike, of light rose, lip richly veined with dark crimson. Nov.-Dec. Ecuador ...$2.50 to 5.00

C. Mendelii (*The Virgin's Cattleya*). Flowers large, varying from white to pale glossy pink; lip large, spreading, crimson-purple, much crimped at margin, with yellow blotch in the center. One of the finest and of easiest culture; becoming exceedingly scarce in its native habitat. May-July. Colombia. (*See illustration, page* 10) ..... Each $2.50 to $5.00

Cattleya Mossiae

C. Mendelii "Columbia." A new and fine variety; white sepals and petals and bluish lip. Price on application.

C. × Minucea (*C. Loddigesii × C. gigas*).$15.00 to 25.00

C. × Miss Williams (*C. Harrisoniæ × C. Gaskelliana*) ..... $7.50 to 10.00

C. Mossiæ (*The Spring Cattleya*). Flowers large; sepals and petals in shades of lilac and rose. Lip large, with purple, much crimped at margin. April-June. Venezuela..$1.50 to 5.00

C. Mossiæ. Fine half specimens..... 7.50 to 15.00

C. Mossiæ. Large specimens.....20.00 to 30.00

Cattleya Percivaliana. *See page* 12

CATTLEYA—Continued

Each

C. Mossiæ grandiflora. Flowers of extraordinary size, of a beautiful rose color, lip and throat orange-yellow, mottled and streaked with purple, rose and crimson.....$25.00

C. Mossiæ lilacina. Flowers large, of rose color, lip marked with purple, yellow and light rose..... 15.00

C. Mossiæ Reineckiana.....$25.00 to 50.00

C. Mossiæ Reineckiana, var. lilacina..... $15.00 to 20.00

C. Mossiæ Wagneri. (*Syn. alba.*)..... $35.00 to 50.00 up to 100.00

C. × mollis (*C. Gaskelliana virginalis × C. superba splendens*)..... 15.00

C. × Octavia (*C. Dowiana × C. Mendelii*)... 25.00

C. × Olivia (*C. intermedia × C. Trianæ*). A superb hybrid..... 20.00

C. Percivaliana (*Christmas Cattleya*). The flowers are of deep rosy-purple color, with richly colored lip of deep crimson, purple and golden-yellow. Requires same treatment as Cattleya Trianae. This variety is invaluable for cutting, flowering, as it does, from November to February. Venezuela.

Fine plants.....$1.50 to 2.50
Half specimens..... 5.00 to 10.00
Large specimens.....15.00 to 35.00

C. Percivaliana alba. Small plants, from $25.00, $50.00 and up.

C. Percivaliana grandiflora. A very fine form, with unusually large flowers..... 15.00

C. Percivaliana Summitensis. Sepals and petals pale, delicate pink; lip typical. This is a very fine form of exceptional beauty..... 15.00

C. × Pittiana (*C. Dowiana × C. granulata*). $15.00 to 25.00

C. × Portia (*C. Bouringiana × C. labiata*). $5.00 to 10.00

C. Rex (*The Royal Cattleya*)..... 25.00

C. Schilleriana. Resembling C. Aclandiae, but is much stronger, with dark rounded foliage; flowers in Summer from the young growths, with deep, rosy-colored large flowers, sometimes spotted; lip with darker stripes and shadings with pink margin. Brazil.... $3.00 to $5.00

Cattleya × Portia

Each

C. Schofieldiana. Handsome and distinct; flowers pale, tawny yellow, flushed with purple and green, the entire surface spotted with crimson-purple. July-August. Brazil..... 5.00

C. × Schofieldiana × C. aurea..... 25.00

C. × Schofieldiana × C. Mendelii..... 20.00

C. × Schofieldiana × C. Hardyana..... 25.00

C. Schrœderæ (*The Easter Cattleya*). Of this superb Cattleya we have a very large stock. Owing to its beautiful, large, sweet scented flowers, appearing about Eastertime, it is a very useful variety for cutting. We have for years spent money, time and labor in opening up an entirely new region where this Cattleya grows in luxuriance. The type is far superior to the old-time Cattleya Schrœderæ, and while the colors run, as a whole, light, the variation in our type is considerable, a great number of plants bearing flowers highly colored. Some of the finest named varieties, both here and in Europe, have sprung from this type.....$2.50 to 5.00

Half specimens $10.00 to 15.00
Large specimens $20.00 to 50.00

Cattleya Schroederae

CATTLEYA—Continued

C. Schrœderæ alba. A beautiful pure white form ..... Each $75.00

C. Schrœderæ albescens. Very beautiful, nearly white 15.00

C. Schrœderæ cœrulea. A fine large form, with bluish color in the lip .. 25.00

C. Schrœderæ Meta. A superb form, with pink sepals and petals, and with bright yellow throat 35.00

C. Schrœderæ lilacina. A distinct fine form of lilac color all over 35.00

C. Schrœderæ refulgens 50.00

C. Skinneri. Flowers 4 to 5 inches in diameter, rose-purple, disc of lip white, bordered with a broad zone of deeper purple, peduncles 5 to 18 flowered. March-April. Central America ..... Each $1.50 to $2.50
Specimens ..... 5.00 to 10.00

C. Skinneri rosea. A pretty light rose-colored form of the preceding 10.00

C. speciosissima. Flowers very large, blush-rose; enjoys a light airy place in the house. Flowers mostly during February and March, although a number of this variety will bloom at almost any time during the year. Venezuela ..... Each $1.50 to $3.00

Cattleya Skinneri

C. × speciossisima × C. Hardyana 25.00

C. × speciosissima × labiata ..... $15.00 to 20.00

C. × Suavior (*C. intermedia × C. Mendelii*) ... 10.00

C. superba splendens. A most beautiful species with fragrant blossoms of a deep rich purplish-rose. This species requires more heat than most Cattleyas and plenty of water. Summer months. Venezuela and Colombia .. $3.00 to 5.00

C. × Thayeriana (*C. intermedia × C. Schrœderæ alba*). A most vigorous grower with great diversity of varieties, no two being alike. (*See illustration, page* 14.) .$5.00 to 10.00

C. × Thayeriana superba. A superior form of the preceding 20.00

C. Trianae (*The Winter Cattleya*). The most useful Orchid in cultivation, flowering in Midwinter, when flowers are most in demand, and remaining a long time in perfection. Flowers 5 to 8 inches across, white, rose, lilac or purple, shaded and blended. December-April. Colombia. (*See illustration, page* 14.) ... $1.50 to 5.00
Specimens ... 10.00 to 20.00
Extra large specimens $25.00 to 50.00

C. Trianæ alba .. 50.00 to 100.00

C. Trianæ atropurpurea. An exceptionally fine variety. The entire flowers are of almost crimson color . $25.00 to 35.00

C. Trianæ Backhousiana. Fine variety 35.00

Cattleya speciosissima

CATTLEYA—Continued

Each

C. Trianæ "Brightness." Sepals and petals white, slightly suffused with rose. Lip with a wide margin of the same color as sepals and petals, with a heart-shaped blotch of rose-purple in center, mottled with light rose; throat orange-yellow; a very distinct form $25.00

C. Trianæ delicata... 10.00

C. Trianæ virginalis. A very choice and beautiful variety, having white sepals and petals and mauve colored lip. 25.00

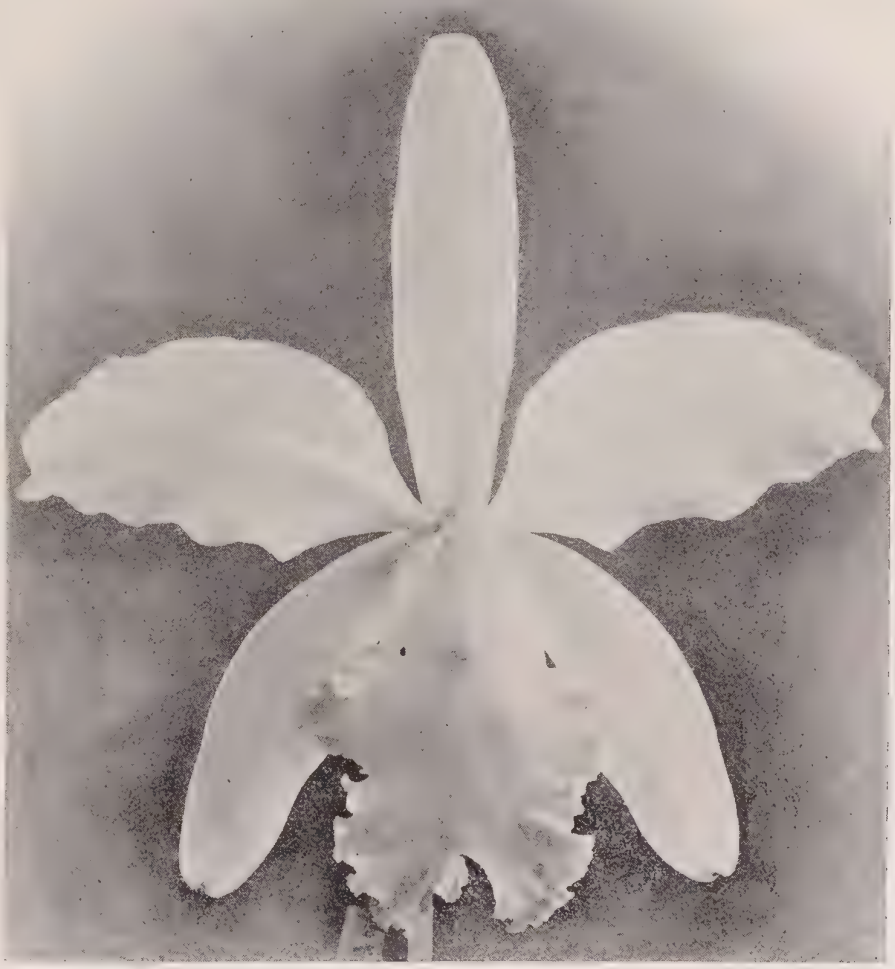
C. velutina. Brazil $3.50 to 5.00

C. Walkeriana. A very fine dwarf species, with large, rose-colored flowers. Flowers during the Winter months. Brazil 2.50

C. Warneri. Flowers large and open, 6 to 8 inches across, delicate rose color, shaded with amethyst-purple. April-May. Brazil ..... $2.50 to 5.00

C. Warneri × C. Schrœderæ alba.... 10.00

C. × Wavriniana (*C. granulosa × C. gigas*). 15.00



Cattleya × Thayeriana. *See page* 13

Cattleya Trianae. *See page* 13

Each

CHONDRORYNCHA Sp. New. Flowers similar to C. Chestertoni, but much finer. Colombia $5.00

CHYSIS aurea. Flowers chocolate-brown, shaded with yellow. March-April. Mexico..... 1.50

C. bractescens. Flowers pure white, except lip, which bears blotch of yellow. April-May. Mexico 1.50

CIRRHOPETALUM Medusæ 10.00

C. picturatum..... 3.50

COCHLIODA Noetzliana. A most beautiful, dwarf-growing Orchid with bright orange scarlet-red flowers on pendulous spikes. Ecuador.. 2.50

C. rosea. (*Syn. Odontoglossum roseum.*). 10.00

CŒLOGYNE asperata .. Each $5.00 to $10.00

C. barbata ..... 2.50 to 5.00

C. cristata. Flowers fragrant, pure white, except lip, which is blotched yellow; borne in many-flowered racemes; are of the finest of Winter-flowering Orchids and of easy growth. January to March East Indies. (*See back of insert*) ..... $1.25 to 2.00
Half specimens 2.50 to 5.00
Larger specimens..... 7.50 to 10.00

C. cristata alba... 3.00 to 5.00

C. cristata Chatsworth var..... $2.50 to 5.00

C. cristata Lemoniana.. $3.00 to 5.00

C. cristata maxima 2.50 to 4.00

C. Dayana (*Necklace Orchid*) ..... 3.50 to 5.00

C. flaccida. February-March ..... $1.50 to 2.50

C. fragrans..... 5.00

C. lactea ..... 1.50 to 2.50

C. Massangeana. January-February. (*See illustration, page* 16.) ..... $2.50 to 5.00

C. ocellata maxima 1.50 to 2.50

C. pandurata .... 5.00 to 10.00

C. speciosa ..... 1.50 to 2.50

C. tomentosa .... 2.50 to 5.00

CYMBIDIUM aloifolium $2.50 to 5.00

C. aloifolium Swartzii... $10.00 to 15.00

C. eburneum. Flowers large, creamy white. January-February. Burma and China. (*See illustration, page* 16.) ...$2.50 to 3.50

Specimen Plant of Cattleya as Imported

Coelogyne cristata alba

Each

C. Findlaysonianum. Flowers tawny red lip deep wine-red, disc yellow with white and red markings..... $15.00

C. giganteum. January. Burma 5.00

C. × Holfordianum (*C. eburneum × C. grandiflorum*) 25.00

C. insigne. (*Syn. Sanderi.*) New, very fine..$10.00 to 15.00

C. Lowianum. Ten to thirty-five large yellowish-green flowers on long spikes. January-February. Burma....$3.00 to 5.00

C. Lowianum concolor. Lip clear yellow..$5.00 to 10.00

C. Mastersii. India. Many-flowered spikes; pure white ..... $3.50 to 5.00

C. × Paulwelsii (*insigne × Lowianum concolor*)..... 30.00

C. tigrinum 10.00

C. Tracyanum. A very rare and desirable plant; flowers during the Summer months. Burma... $5.00 to 10.00

C. × Veitchii. (*Lowianum × eburneum*)...$10.00 to 15.00

CYMBIDIUM—Continued

	Each
C. × Wiganianum (*eburneum × Tracyanum*)	$25.00
C. × Winnianum (*giganteum × Mastersii*)	25.00
C. × Woodhamsianum (*Lowiannm × Veitchii*)	25.00
CYCNOCHES chlorochilon (*Swan's Neck Orchid*). A most beautiful and curious Orchid with large greenish-yellow flowers. October-December. Central America	$2.50 to 5.00
C. Peruviana. Flowers 2 inches across on pendent racemes, light yellow-green profusely spotted with red; a very striking Orchid, and of easy culture. September-November. Central America	$5.00 to 10.00
CYRTOPODIUM Andersoni	2.50 to 5.00

Coelogyne Massangeana. *See page* 15

Cymbidium eburneum. *See page* 15

Cycnoches chlorochilon

Correspondence Solicited on Anything Pertaining to Orchids

In addition to the plants listed in this catalogue, we have always on hand a number of fine varieties which crop up from time to time, including a number of **Seedling Orchids** from fine crosses.

Estimates will be furnished on large quantities of Orchids for stocking conservatories or greenhouses in any part of the country.

We have always a number of applications on our books from competent Gardeners and Orchid Growers whom we can recommend to parties requiring the services of such men.

Cattleya Flowers

Coelogyne cristata.—*See page* 15.

ORCHIDS

LAGER & HURRELL

SUMMIT, NEW JERSEY

CYPRIPEDIUMS

(Lady Slipper Orchid)

Nothing in the entire Orchid family offers such a great number of species, varieties and hybrids as do the Cypripediums. The number of hybrids is becoming almost unlimited, and the variations in forms and colors are almost bewildering. It is difficult to imagine anything in the plant line more beautiful, varied and interesting than a collection of Cypripediums; they are a constant source of interest to the cultivator from one end of the year to the other. The flowers when cut will outlast anything else we know, and nothing can compare in beauty and distinctiveness to a vase of cut Cypripediums of various kinds. They are the easiest of all Orchids to grow, with few exceptions.

Pot culture is preferable, and the material should consist of fibrous peat and sphagnum moss, with plenty of drainage. Cypripediums do not require any resting season and therefore should be kept moist all the year round. A temperature of 55° to 65° suits them well, with plenty of light and ventilation and lightly shaded. All the plants quoted below are nice, healthy plants, with from two to four growths, according to kinds.

	Each
CYPRIPEDIUM × Acis (*Lawrenceanum × insigne Maulei*)	$2.50
C. × Acme (*C. nitens × Bessie K. Pitcher*)	5.00
C. × Actæus (*insigne Sanderæ × Leeanum superbum*)	$10.00 to 15.00
C. × A. Dimmock (*Druryi × Godseffianum*)	20.00
C. × A. de Lairess (*Curtisii × Rothschildianum*) *See page 26*	$5.00 to 10.00
C. × Adrastus Mariæ (*Boxallii × Leeanum*)	10.00
C. × Æson (*Druryi × insigne*)	$3.50 to 5.00
C. × Albertianum (*Spicerianum × insigne, var. Wallacei*)	2.50
C. × Albertianum superbum	3.50

Cypripedium Adrastus Mariae

Cypripedium Arthurianum

	Each
C. × Albert Truffaut (*Harrisianum × Spicerianum*)	$10.00
C. × albo purpureum (*Schlimii × Dominianum*)	$3.50 to 5.00
C. × Alcibiades superbum (*Leeanum gig. × Mons. de Curte*)	10.00
C. × Alcides (*insigne var. Maulei × hirsutissimum*)	$3.50 to 5.00
C. × Alcides superbum	15.00 to 25.00
C. × Alector (*barbatum Crossii × Spicerianum*)	$2.50 to 3.50
C. × Alice (*Stonei × Spicerianum*)	5.00
C. × Almum. (*C. barbatum X Lawrenceanum*)	5.00
C. × Amandum (*insigne Chantinii × venustum*)	2.50
C. × Amesianum (*villosum × venustum*)	$2.50 to 3.50
C. × Aphrodite (*niveum × Lawrenceanum*)	20.00
C. Argus	3.50
C. × Artemis (*Dayanum × Swanianum*)	3.50
C. × Arthurianum (*insigne × Fairieanum*)	2.50

Cypripedium Brownii. *See page* 19

Cypripedium Bessie K. Pitcher. *See page* 19

Cypripedium Charlesworthi. *See page* 20

CYPRIPEDIUM—Continued

	Each
C. × Arthurianum grandiflorum	$3.50
C. × Arthurianum pulchellum	5.00
C. × Ashburtoniæ (*barbatum × insigne*)	2.50
C. × Ashburtoniæ expansum (*barbatum × insigne*)	3.50
C. × Ashburtoniæ calospilum (*barbatum × insigne*)	$3.50 to 5.00
C. × Astraea (*Philippinense × Spicerianum*)	5.00
C. × Augustum (*villosum × Haynaldianum*)	3.00
C. × aureum (*nitens × Spicerianum*)	5.00
C. × aureum Hyeanum (*Spicerianum × nitens*)	$5.00 to 10.00
C. × aureum Surprise	25.00
C. × aureum virginale	12.50
C. × auroreum (*Lawrenceanum × venustum*)	3.50
C. × Baconis (*conchiferum × Schlimii*)	5.00
C. barbatum	$1.50 to 2.50
C. barbatum biflorum	2.50
C. barbatum grandiflorum	2.50
C. barbatum superbum	3.00
C. × barbato-Mastersii (*barbatum × Mastersianum*)	3.50
C. × Baron Schrœder (*Fairieanum × ænanthum sup.*)	10.00
C. × Barteti (*barbatum × insigne Chantinii*)	$1.50 to 2.50
C. × Beatrice (*Boxallii × Lowii*)	3.50 to 5.00
C. × Beeckmanni (*bellatulum × Boxallii*)	25.00

	Each
C. bellatulum	$2.50 to $3.50
C. × Bessie K. Pitcher (*See illustration page 18*)	$3.50 to 5.00
C. Boxallii	2.50
C. Boxallii albo marginata	3.50
C. Boxallii atratum	5.00
C. × Bragaianum (*hirsutissimum cærulescens × Boxallii altratum*)	$5.00 to 7.50
C. × Brownii (*leucorrhodum × longifolium, var. magniflorum*). (*See illustration, page 18.*)	$3.50 to 5.00
C. × Brownii leucoglossum	5.00 to 7.50
C. × Buchanianum (*Druryi × Spicerianum*)	5.00
C. × Brysa (*Boissieranum × Sedeni candidulum*)	5.00
C. × calanthum (*barbatum Crossii × Lowii*)	$5.00 to 7.50
C. × callosum	2.50 to 3.50
C. × callosum Sanderæ	15.00 to 25.00
C. × calurum (*longiflorum × Sedeni*)	2.00
C. × calurum Rougieri	3.50
C. × Calypso Oakwood var. (*Spicerianum × Boxallii*)	$2.50 to 3.50
C. × cardinale (*Sedeni × Schlimii, var. albiflorum*)	$2.50 to 3.50
C. caudatum. Very scarce. Of this beautiful Cypripedium we have the largest stock in the country.	$5.00 to 10.00

Cypripedium caudatum

CYPRIPEDIUM—Continued

Cypripedium Chamberlainianum

Each

C. × Chas. Canham (*villosum × superbiens*.. $2.50 to $3.50
C. Charlesworthi. (*See illus., page* 18.)..... 2.50
C. Chamberlainianum..... 2.50
C. × Chamberlainianum × Mastersii..... 10.00
C. × Chlorops (*longifolium Hartwegii × caricinum*).....$3.50 to 5.00
C. ciliolare..... 3.50
C. × Cleola (*reticulatum × Schlimii albiflorum*) $3.50 to 5.00
C. × Colmanii nigrum (*Harrisianum × Javanicum*)..... 15.00
C. × conchiferum (*caricinum × longifolium var. Hartwegii*).....$1.50 to 3.50
C. × concinnum superbum (*villosum × purpuratum*).....$2.50 to 3.50
C. concolor..... 3.50
C. × conspicuum (*Harrisianum × villosum*).. 2.50
C. × Coppinianum (*Sedeni × conchiferum*).. $1.50 to 2.50
C. × Creon (*Harrisianum superbum × œnanthum superbum*)..... 2.50
C. × Crossianum palidum (*insigne × venustum pardinum*)..... 2.50
C. × Crossianum psittacinum..... 2.50
C. × Crossianum Tautzianum (*insigne × venustum pardinum*)..... 2.50
C. × Cunia (*longiflorum × Stonei?*)...$1.50 to 2.50
C. Curtisii..... 3.50
C. Curtisii × purpuratum..... 5.00
C. × Dauthierii (*barbatum × villosum*)..... 2.50
C. × Dauthierii marmoratum (*barbatum × villosum*)..... 2.50
C. Dayanum..... 3.50
C. Dayanum superbum..... 5.00
C. × Deedmanianum (*Chamberlainianum × Spicerianum*).....$5.00 to 10.00
C. × Dibdin (*Argus × Boxallii*)..... 2.50 to 3.50
C. × dilectum (*Boxallii × hirsutissimum*)... $3.50 to 5.00
C. × Dominianum (*caricinum × caudatum*).. 2.50
C. × Dominianum rubescens.....$2.00 to 3.00
C. × Donatianum (*Harrisianum × insigne Wiottii*).....$5.00 to 7.50

Each

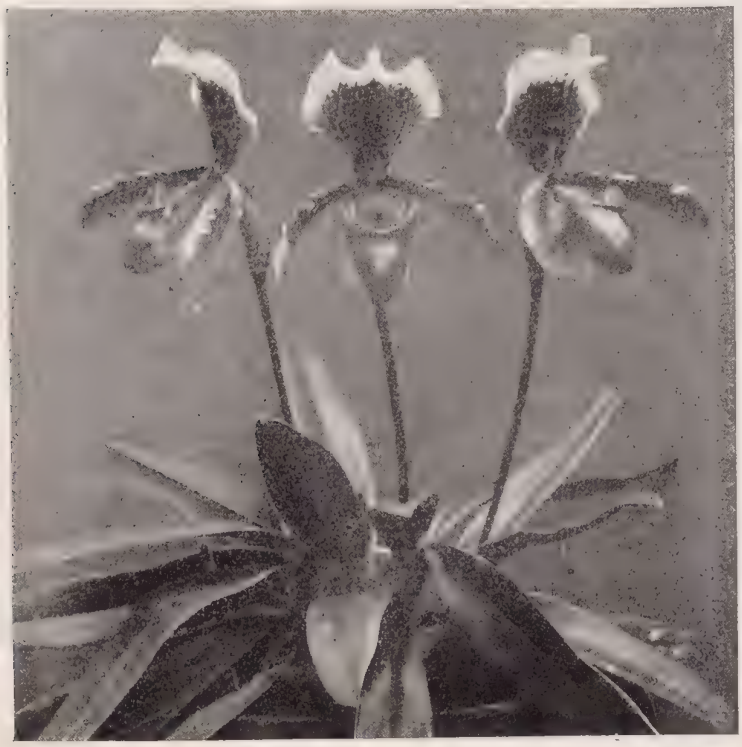
C. × Duchess of Sutherland (*Rothschildianum × Youngianum*).....$10.00 to$15.00
C. × Edithæ (*Chamberlainianum × bellatulum*)..... 25.00
C. × Eismannii (*Boxallii × Harrisianum*) $5.00 to 7.50
C. Elliottianum..... 5.00
C. × Enfieldense (*Lawrenceanum × Hookeræ*)..... 3.50
C. × Euryale..... 2.50
C. × Euryandrum (*barbatum × Stonei*)..... 15.00
C. × Evelyn Ames, var. Superbum (*Leeanum giganteum × Calypso, var. Oakwood*)..$15.00 to 20.00
C. exul..... 2.50 to 3.50
C. Fairieanum..... 7.50 to 10.00
C. × Fairy Queen (*Curtisii × Druryi*)..... 25.00
C. × Fowleri (*callosum × Rothschildianum*). $15.00 to 20.00
C. × Fraseri (*hirsutissimum × barbatum*) 3.50 to 5.00
C. × Galatea (*Harrisianum × insigne*)..... $3.50 to 5.00
C. × Garret A. Hobart (*Lathamianum × insigne, var. Chantinii*).....$5.00 to 10.00
C. × Gaudianum (*Curtisii × Harrisianum sup.*) (*See illustration, page* 21.)..... 25.00
C. × Geo. McWilliams..... 5.00
C. × Geralda (*caudatum × Lindleyanum*).... $5.00 to 10.00
C. × Germinyanum (*hirsutissimum × villosum*).....$2.50 to 3.50
C. × gigas (*Lawrenceanum × Harrisianum*).. $3.50 to 5.00
C. × gigas Corndeani..... 3.50 to 5.00
C. glaucophyllum..... 3.50 to 5.00
C. Godefroyæ..... 2.50
C. Godefroyæ leucochilum..... 5.00
C. × Godseffianum..... 5.00
C. × Gôwerianum (*Curtisii × Lawrencianum*) 5.00
C. × Gowerianum magnificum..... 15.00

Cypripedium Fairieanum?

Cypripedium Harrisianum superbum. *See page* 22

Cypripedium Insigne Harefield Hall. *See page* 22

Cypripedium Gaudianum. *See page* 20



Cypripedium insigne Coulsonianum. *See page* 22

CYPRIPEDIUMS—Continued — Each

C. × Gowerianum Schofieldianum $12.50
C. × grande 2.50
C. × grande atratum 3.50
C. × Gratrixianum (*Bellatulum × Enfieldense*) ..... $10.00 to 15.00
C. × Gravesiæ (*Argus × nitens*) 10.00
C. × Harlequin ..... $10.00 to 15.00
C. × Harrisianum. January-March. 1.50 to 2.50
C. × Harrisianum liniatum 2.50
C. × Harrisianum nigrum 2.50
C. × Harrisianum Pitcherianum 2.50
C. × Harrisianum superbum. (*See illustration, page* 21.) ..... $3.50 to 5.00
C. × Harveyanum (*Stonei × Leeanum*) ..... $5.00 to 10.00
C. Haynaldianum 3.00
C. × Hero, var. Mrs. Tautz (*nitens × Spicerianum*) ..... $7.50 to 10.00
C. hirsutissimum 2.50
C. × Holbrook Gaskell (*Leeanum × Charlesworthii*) ..... $7.50 to 10.00
C. Hookeræ 3.50
C. × Ingens (*insigne × Rothschildianum*) ..... $15.00 to 25.00
C. insigne ..... 1.50 to 2.50
C. insigne. Large plants ..... 3.00 to 5.00
C. insigne Amesianum. A fine variety ..... $3.50 to 5.00
C. insigne Brownii 2.50
C. insigne Brugense 5.00
C. insigne Chantini ..... $3.50 to 5.00
C. insigne Coulsonianum. One of the finest varieties of C. insigne. (*See illustration, page* 21.) 5.00
C. insigne Fostermannii 5.00
C. insigne Gravesii 2.50
C. insigne Harefield Hall. (*See illustration, page* 21.) ..... $3.50 to $5.00, $10.00 to 20.00

Cypripedium insigne Lagerae

Cypridedium insigne Hurrellianum

C. insigne Hurrellianum. A fine and distinct form, resembling somewhat C. insigne Lindeniæ, but much finer in every way. The dorsal sepal stands out bold and flat and not rolled back as in C. insigne Lindeniae. Greenish-yellow, the basal half suffused with reddish-brown; this diminishes toward the top and sides, where the color is greenish-yellow; apex white ..... $5.00 to $10.00 — Each
C. insigne apiculatum 3.50
C. insigne Lageræ. A very fine and unique variety; the entire center the dorsal sepal of reddish dark brown chocolate color, slightly suffused toward the edges with greenish yellow and with four or five pink marks at the extreme upper part of the blotch, the whole encircled with a pure white band; petals somewhat flat, heavily mottled and veined with reddish-brown ..... $15.00 to 20.00
C. insigne luteo-album. New variety, very fine; nearly two-thirds of the dorsal sepal is pure white; the remaining lower part is yellow-green, with a few spots ..... $10.00 to 15.00
C. insigne McNabianum. A grand variety ..... $3.50 to 5.00
C. insigne maculatum 2.50
C. insigne Maulei 2.50
C. insigne punctatissimum. New variety, fine and distinct; dorsal sepal entirely covered with brown spots, except a narrow margin of white on the sides and top ..... $5.00 to 10.00
C. insigne roseum 5.00
C. insigne Summitensis 2.50
C. insigne Sylhetense. Keeling's variety. Very fine ..... $3.50 to 5.00
C. insigne. Yellow varieties. Strong, health plants with two growths.
- **Aureola** ..... $5.00 to 10.00
- **Balliæ** ..... 5.00 to 7.50
- **Brightness** ..... 10.00 to 20.00
- **Chantini Linderi** ..... 10.00 to 15.00
- **Citrinum** ..... 7.50 to 10.00
- **Dorothy** ..... 7.50 to 10.00
- **Ernesti** ..... 7.50 to 10.00

CYPRIPEDIUMS—Continued

Each

C. **Insigne**—Continued

Eyermannii ..... $5.00 to $7.50
Gladys ..... 10.00 to 15.00
Laura Kimball ..... $5.00, 10.00 and 15.00
Lindeniæ ..... 5.00 to 7.50
Luciani 20.00
Merxemii 10.00
Sanderæ (*See colored insert facing page* 17). $3.50 to $5.00, $7.50 to 10.00
Sanderianum 20.00
Statterianum ..... $5.00 to $7.50
Westgatense ..... 5.00 to 10.00
W. M. Dow ..... 5.00 to 7.50
Xanthinum ..... 5.00 to 10.00
Youngianum superbum 5.00

C. × **Ianthe** (*Harrisianum × venustum*) ..... $5.00 to 7.50
C. × **Io grandis** (*Argus × Lawrenceanum*) 3.50
C. × **Jas. Garfield** (*regale × tonsum*) . $5.00 to 7.50
C. × **Jas. K. Polk** (*Chamberlainianum × nitens*) ..... $5.00 to 7.50
C. **Javanicum** 2.50
C. **Javanicum superbiens** ..... $5.00 to 7.50
C. × **Josephianum** (*Druryi × Javanico-superbiens*) ..... $3.50 to 5.00
C. × **Kimballianum.** Supposed natural hybrid ..... $3.50 to 5.00
C. × **Laforcadei** (*barbatum × insigne Chantinii*) ..... $5.00 to 7.50
C. × **Lanerianum** 2.50
C. × **Lathamianum** (*Spicerianum × villosum*) 2.50
C. × **Lathamianum.** Negley's variety. A superior form of the preceding ..... $3.50 to 5.00
C. **Lawrenceanum.** A grand species with beautiful variegated foliage and large flowers ..... $1.50 to 2.50
C. **Lawrenceanum giganteum** 3.50
C. **Lawrenceanum Hyeanum** ..... $15.00 to 20.00
C. × **Leander** (*Leeanum × villosum*) .. 3.50 to 5.00
C. × **Ledouxiæ** (*callosum × Harrisianum.*) $5.00 to 7.50
C. × **Leeanum** (*insigne × Spicerianum*) ..... $2.50 to 3.50
C. × **Leeanum aureum** 3.50
C. × **Leeanum Burfordiense** 5.00
C. × **Leeanum Clinkaberryanum.** This grand Cypripedium stands unrivaled today for its charming beauty and distinctiveness. We can now supply nice plants with two growths for ..... $3.50, $5.00 to 10.00
C. × **Leeanum grandiflorum** ..... 5.00 to 7.50
C. × **Leeanum lutescens** 3.50
C. × **Leeanum Masreelianum** ..... 3.50 to 5.00
C. × **Leeanum nigrescens** 3.50
C. × **Leeanum pulchellum** 7.50
C. × **Leeanum superbum** ..... 5.00 to 7.50
C. × **Lloyd magnificum Charlesworth's var.** (*bellatulum × Swanianum*) 50.00
C. **longifolium** ..... $1.50 to 2.50
C. **longifolium, var. Hartwegii** ..... 2.00 to 3.00
C. **longifolium, var. magniflorum** ... 3.50 to 5.00
C. × **leucorrhodum** (*Roezlii × Schlimii albiflorum*) ..... $2.50 to 3.50
C. **Lindleyanum** ..... 3.50 to 5.00
C. **Lindleyanum** × C. **leucorrhodum.** A grand Cypripedium ..... $5.00 to 10.00
C. × **Lobengula** (*Harrisianum nigrum × villosum*) 10.00

Cypripedium Leeanum Clinkaberryanum

C. × **Lord Derby** (*Veitchii × Rothschildianum*). Each $10.00 to $15.00
C. **Lowii** 5.00
C. × **luridum** (*Lawrenceanum × villosum superbum*) 2.50
C. × **luridum purpureum** 2.50
C. × **Macfarlanei** (*calophyllum × Spicerianum*) ..... $7.50 to 10.00
C. × **macrochilum** (*C. longifolium × uropedium Lindeni*) ..... $5.00 to 10.00
C. × **macropterum** (*Lowii × superbiens*) 5.00
C. × **Mahleræ** (*Rothschildianum × Lawrenceanum*) ..... $5.00 to 10.00
C. × **Mangoldii** ..... 7.50 to 10.00
C. × **marmorophyllum** (*Hookerae × barbatum*) ..... $2.50 to 3.50
C. × **Massaiana** (*Rothschildianum × superciliare*) 15.00
C. × **Mastersianum** ..... $3.50 to 5.00
C. × **Maudiae** (*Lawrenceanum, var. Hyeanum × collosum, var. Sanderae*). One strong growth ..... $25.00 to 35.00
C. × **Measuresianum** (*villosum × venustum*) .. 2.50
C. × **Melanthus** (*Hookerae × Stonei*) 10.00
C. × **memoria-Moensii** (*Spicerianum × œnanthum superbum*) $10.00
C. × **Minos Youngii** (*Arthurianum × Spicerianum*) 18.00
C. × **Mlle. Madeline Gayot** (*Dayanum × insigne Chantinii*) ..... $5.00 to 7.50
C. × **Mme. Barbey** (*Lawrenceanum × tonsum*) ..... $2.50 to 3.50
C. × **Mme. Cappe** (*Spicerianum × Dauthierii*). $7.50 to 10.00
C. × **Morganiæ** (*superbiens × Stonei*) 10.00
C. × **Morganiæ Burfordiense** 15.00
C. × **Mrs. Chas. Canham** (*superbiens × villosum*) ..... $2.50 to 3.50
C. × **Mrs. G. D. Owen** (*superciliare × villosum*) ..... $2.50 to 3.50

Cypripedium Mrs. W. A. Roebling. *See page 25*

Cypripedium Rothschildianum. *See page 25*

Cypripedium Prewetii. *See page 25*

Cypripedium Niobe. *See page 25*

CYPRIPEDIUMS—Continued

	Each
C. × Mrs. W. A. Roebling (*caudatum × leucorrhodum*). A magnificent Cypripedium, both in shape and color. (*See illustration, page 24.*)	$3.50 to $5.00
C. × Niobe (*Short Hills, var. Fairieanum × Spicerianum superbum*). (*See illustration, page 24.*)	10.00
C. × nitens (*villosum × insigne Maulei*)	2.50
C. × nitens Gravesianum	$3.50 to 5.00
C. × nitidissimum (*caudatum Warscewiezii × conchiferum*)	$3.50 to 5.00
C. niveum	3.50
C. × œnanthum (*Harrisianum × insigne Maulei*)	$1.50 to 2.50
C. × œnanthum superbum	3.50
C. × Orion (*concolor insigne*)	15.00
C. × orphanum (*barbatum × Druryi*)	5.00
C. × Osbornei (*Harrisianum superbum × Spicerianum*)	$3.50 to 5.00
C. × Pavonianum (*Boxallii atratum × Argus*)	2.50
C. × Pavonianum inversum	3.00
C. Pearcei. (*Syn. caricinum*)	$1.50 to 2.50
C. × pellucidum (*insigne Maulei × Dayanum*)	$1.50 to 2.50
C. × Penelaus (*calurum × caudatum*)	5.00 to 10.00
C. × Perseus (*Sedeni porphyreum × Lindleyanum*)	$5.00 to 7.50
C. × picturatum (*Swanianum (?) × Spicerianum*)	$3.50 to 5.00
C. × Pitcherianum (*Harrisianum superbum × Spicerianum*)	7.50
C. × politum (*barbatum × venustum*)	$2.50 to 3.50
C. × Pollettianum (*calophyllum × œnanthum superbum*)	$5.00 to 7.50
C. × polystigmaticum (*venustum × Spicerianum*)	3.50

Cypripedium Spicerianum. *See page 26*

Cypripedium Sallieri pictum

	Each
C. × porphyreum (*longifolium, var. Hartwegii × Schlimii*)	$3.50
C. præstans (*glanduliferum*)	5.00
C. × Premier (*Beechense × Rothschildianum*)	5.00
C. × Prewetii (*Harrisianum sup. × Lawrenceanum*). (*See illustration page 24*)	5.00
C. × Priapus (*Philippinense × villosum*)	$5.00 to 7.50
C. × Princess (*Coffinet × Fairieanum*)	25.00
C. × radiosum (*Lawrenceanum × Spicerianum*)	3.00
C. × radiosum Shorthillense	3.50
C. × regale (*insigne Maulei × purpuratum*)	$3.50 to 5.00
C. × Reginaldianum (*insigne × Siamense*)	10.00 to 15.00
C. × Robinsonianum (*Lawrenceanum × superbiens*)	$10.00 to 15.00
C. × Rosettii (*insigne Sanderianum × Mandiæ*)	15.00
C. Rothschildianum. (*See illustration, page 24*)	$5.00 to 10.00
C. Rothschildiano-Boxallii	10.00
C. Rothschildiano-Lawrenceanum	10.00
C. Rothschildiano-superbiens	10.00
C. Rothschildiano-tonsum	10.00
C. × Sallieri aureum	$3.50 to 5.00
C. × Sallieri Hyeanum	5.00 to 7.50
C. × Sallieri nigro maculatum	7.50 to 10.00
C. × Sallieri pictum	5.00 to 7.50
C. × Sallieri platypetalum	2.50 to 3.50
C. × Sappho (*Lowii × barbatum*)	7.50 to 10.00
C. × Sargentianum	5.00
C. × Saundersianum (*caudatum × Schlimii*).	$5.00 to 10.00
C. × Schlesingerianum (*Boxallii × insigne Maulei*)	5.00
C. Schlimii	$1.50 to 2.50
C. × Schrœderæ (*caudatum × Sedeni*)	$1.50 to 3.00

CYPRIPEDIUMS—Continued

		Each
C. × Schrœderæ Gravesiæ	$3.50 to	$5.00
C. × Schrœderæ splendens	2.50 to	3.50
C. × Sedeni. (*Schlimii × longifolium*)	1.00 to	2.00
C. × Sedeni. Gray's variety		2.50
C. × Sedeni candidulum	$1.50 to	3.00
C. × Sedeni porphyreum		2.50
C. × Sedeni Weidlichianum		2.50
C. × selligerum (*barbatum × Philippinense*)		3.50
C. × selligerum majus	$3.50 to	5.00
C. × selligerum porphyreum		5.00
C. × Siamense (*Nat. hybrid callosum × Bullenianum*)	$3.50 to	5.00
C. × Sibyrolense	5.00 to	7.50
C. × Siebertianum (*Dayanum × insigne*)		10.00
C. Spicerianum. (*See illustration, page 25.*)		2.50
C. Spicerianum aureum		7.50
C. Spicerianum roseum		3.50
C. × Spicero-niveum (*Spicerianum × niveum*)		15.00
C. Stonei		5.00
C. Stonei Canaertianum		10.00
C. superbiens (*Veitchii*)		5.00
C. × superciliare (*barbatum × superbiens*)		3.50
C. × Swanianum (*Dayanum × barbatum*)		3.50
C. × Swinburnii magnificum (*Argus × insigne*)		7.50
C. × T. B. Haywood (*Druryi × superbiens*)		5.00
C. × Tenellum (*longifolium magnificum × Schlimii*)	$2.50 to	3.50
C. × Tenellum roseum	3.50 to	5.00
C. × tessellatum porphyreum (*concolor × barbatum*)	$10.00 to	15.00
C. × Thalia, Mrs. Francis Wellesley		25.00
C. × Thetis (*venustum × barbatum*)	$1.50 to	2.50
C. × Thibautianum (*Harrisianum × insigne Maulei*)	$3.50 to	5.00

Cypripedium venustum

Cypripedium A. de Lairess. *See page 17*

		Each
C. × Thompsonii (*Spicerianum × villosum*)		$10.00
C. × Titanum (*Lindleyanum × longifolium*)	$5.00 to	10.00
C. × tonso-Arthurianum	3.50 to	5.00
C. × T. Charlesworthi	3.50 to	5.00
C. × T. purpuratum	3.50 to	5.00
C. × T. Sanderæ	5.00 to	10.00
C. × T. villosum	3.00 to	5.00
C. × Transvaal (*Chamberlainianum × Rothschildianum*)	$7.50 to	10.00
C. × triumphans		15.00
C. × Troilus (*Sallieri Hyeanum × insigne Sanderæ*)	$5.00 to	7.50
C. × Tityus (*Spicerianum × œnanthum superbum*)	$5.00 to	7.50
C. × Uranus (*Lindleyanum × grande*)	5.00 to	10.00
C. × Urgandæ, Graves' var. (*Lindleyanum × Roezli roseum*). A magnificent large growing Cypripedium	$5.00 to	10.00
C. venustum	1.50 to	2.50
C. × vernixium (*Argus × villosum*)	3.50 to	5.00
C. villosum	1.50 to	2.00
C. × Volonteanum	3.50 to	5.00
C. × Wallaertianum (*Harrisianum × villosum*)	$1.50 to	2.50
C. Warneri. (*Syn. barbatum var.*)		2.50
C. × William McKinley	$15.00 to	25.00
C. × Williamsianum (*Harrisianum × villosum*)	$2.50 to	3.50
C. × Winnianum (*villosum × Druryi*)	5.00 to	7.50
C. × W. R. Lee (*superbiens × Rothschildianum*)	$10.00 to	15.00
C. × W. W. Lunt		3.50
C. × Youngeanum (*superbiens × Philippinense*)	$5.00 to	7.00
C. × Zampa (*hirsutissimum × Leeanum*)	$3.50 to	5.00

Dendrobium Cassiope

DENDROBIUM

Dendrobiums are a genus of epiphytal Orchids containing many species of considerable horticultura merit. More than 300 in number, the species are distributed through the tropical countries of the Eastern Hemisphere, Australia, Japan, China, India and the Philippine Islands furnishing large quantities. Most of the commercial Dendrobiums are easily cultivated, and their brightly-colored, serviceable flowers are freely produced. In dealing with such an extensive genus, having so many different forms, it is but natural that the mode of culture should vary somewhat, but their treatment can be understood and the desired result usually accomplished when it is borne in mind that as a general rule they require heat and abundance of moisture when growing, a season of cooler temperature and a reasonable exposure to air and light to ripen the growth, and a drier season to produce and mature the flowers, which are mostly large and showy, delicately colored and quite fragrant. In habit, the plants vary from the dwarf and tufted, about three inches in height, to species with pseudo-bulbs growing three to four feet high and lusty in proportion. A compost of fibrous peat and sphagnum moss, in equal parts, suits them best, and they should be grown in pans, hung near the glass.

	Each
DENDROBIUM aggregatum majus	$7.50
D. × Ainsworthii (*aureum × nobile*)	$3.50 to 5.00
D. amplum	10.00
D. anceps	$3.50 to 5.00
D. × Apollo grandiflorum	3.50 to 5.00
D. × Artemus (*splendidissimum grandiflorum × aureum*)	$3.50 to 5.00
D. × Aspasia (*D. Wardianum × D. aureum*). Small plants	$3.50 to 5.00
D. atro-violacum. New Guinea	2.00
D. Bensoni	$2.50 to 3.50
D. bigibbum	2.50
D. Bronckhardtii	5.00
D. × Burfordiense (*aureum × Linawianum*)	$3.50 to $5.00
D. Brymerianum. Flowers golden-yellow, with a long netted fimbriated lip; very beautiful. Spring. Burma	$3.50 to 5.00
D. Cambridgeanum. (*Syn. ochreatum.*) Bright orange-yellow flowers with a large, deep red blotch on lip. Spring. India	$3.50 to 5.00
D. × Cassiope (*nobile albiflorum × moniliforme*	$2.50 to 3.50
D. chrysanthum. Flower bright orange-yellow, with two maroon spots on the lip, which is orbicular, with fimbriate margin. India	2.50
D. × chrysodiscus (*D. Findlayanum × D. Ainsworthi*)	$3.50 to $5.00
Small, healthy plants to grow on	2.50

Dendrobium densiflorum

Each

D. chrysotoxum. Flower of a rich golden-yellow, with an orange-yellow disc on the lip, the margin of which is fringed. India..... $2.50

D. crystallinum 2.50

D. cœlogyne 2.50

D. crassinode. (*Syn. pendulum.*) A very pretty little plant; flowers white, tipped with purple. Winter and Spring months. Burma 2.50

D. crepidatum 2.50

D. cretaceum.....$2.50 to $3.50

D. × Curtisii (*D. Cassiope × D. aureum*). 5.00
Small plants to grow on..... 2.50

D. × Cybele (*D. Findlayanum × D. nobile*).
$3.50 to 5.00
Small, healthy plants to grow on..... 2.50

D. Cymbidioides..... 5.00

D. Dalhousieanum. Flowers 4 to 5 inches across, pale Nankeen yellow, veined and tinted with rose and with a large maroon-purple blotch on each side of the lip. Spring. Burma.....$2.50 to 5.00

D. Dearei 2.50

D. densiflorum. A magnificent free-flowering Orchid. Sepals and petals rich bright yellow, with deep orange-colored lip. March-April. India.....$2.50 to 5.00

D. × Desdemona.....
$3.50 to 5.00

D. Devonianum. A very beautiful Orchid with slender pendulous stems; sepals and petals creamy white, tinged with pink, petals tipped with magenta; lip white with purple margin, fringed. Spring. Burma..... 2.50

D. × Dominianum (*D. Linawianum × D. nobile*). Small plants..... 2.50
Larger plants.....$3.50 to 5.00

D. × Doris (*Ashworthias × moniliforme*)..
$3.50 to 5.00

D. × Dulce ..... 3.50 to 5.00

D. × euosmum (*D. endocharis × D. nobile*).
Small plants to grow on..... 2.50
Larger plants .....$3.50 to 5.00

D. × euosmum leucopterum.... 3.50 to 5.00

D. × Edithæ. (*D. nobile nobilius × D. aureum*)
$5.00 to 7.50

Each

D. × Euterpe (*D. nobilis × Wardianum*). $5.00

D. Farmeri 2.50

D. fimbriatum.....
$2.50 to 3.50

D. fimbriatum oculatum..... $3.50 to 5.00

D. Findlayanum. A very fine Orchid from Moulmein, flowering during Winter and Spring. (*See illustration, page* 29.)..... 2.50

D. formosum giganteum. Flowers in clusters, ivory-white, very large; lip blotched with yellow. October-December. Burma. (*See illustration, page* 29.)...$1.50 to 2.50

D. × Harold (*D. Findlayanum × D. Linawianum*). Small plants 5.00

D. × Harold amœna
$5.00 to 7.50

D. heterocarpum. (*Syn. aureum.*) Flowers fragrant, amber color, with velvet-like markings of brown and purple on lip. Spring. India. (*See illustration, page* 29.) 2.50

D. Hildebrandti..... 2.50

D. infundibulum. Flowers in clusters, pure white, except a yellow stain on the lip; very useful for cutting. Spring and Summer. Moulmein.....$1.50, $2.50 to 3.50

Dendrobium Dominianum

Dendrobium Findlayanum. *See page* 28

Dendrobium heterocarpum *See page* 28

Dendrobium Jamesianum. *See page* 30

Dendrobium formosum giganteum. *See page* 28

DENDROBIUM—Continued

Each

D. Jamesianum. (*See illustration, page* 29.) . . . $2.50

D. × Juno (*D. Findlayanum × D. Linawianum*). Fine plants in 2½-inch pots to grow on. 2.00
Larger plants . . . . . $3.00 to 5.00

D. Kingianum (Rare) 7.50

D. × Leechianum (*D. nobile × D. aureum*). Small plants 5.00

D. lituiflorum . . . . . $2.50 to 3.50

D. lituiflorum Freemani . . . . . 3.50 to 5.00

D. × Luna (*Findlayanum × Ainsworthi*) 5.00

D. luteolum . . . . . $2.50 to 5.00

D. moschatum 2.50

D. × Mrs. Alfred Rogers 2.50

D. nobile. Flowers 2½ to 3 inches across, very fragrant, white and shades of purple. March-April. India . . . . . $1.50 to 2.50

D. nobile Amesiæ. One of the most beautiful of all the D. nobile forms. Flowers pure white with a rich maroon disc on the lip. Fine plants in 2½-inch pots 2.50
Larger plants . . . . . $3.50 to 5.00

D. nobile Ashworthiæ 5.00

D. nobile Ballianum . . . . . $3.50 to 5.00

D. nobile Cooksoni. Small plants 2.50

D. nobile Murrhinianum. One of the finest small plants to grow on 2.50
Larger plants . . . . . $3.50 to 5.00

D. nobile nobilius. Of this grand variety we can supply small plants for 3.50
Larger plants 5.00

D. nobile Owenianum . . . . . $3.50 to 5.00

D. nobile Rajah. Flowers very large, perfect in shape. Sepals white toward the base, tips dark rosy-purple extending nearly to the center. Petals very broad, white toward base and heavily blotched with dark rosy-purple toward the tips; lip white, the lower part bordered with dark rosy-purple. Disc black-purple. The finest D. nobile we have seen. A few plants in stock only. Small healthy plants 5.00

Dendrobium Juno

D. nobile Rothwellianum. Extra fine variety . . . . . $3.50 to $5.00

D. nobile Summitense . . . . . 2.50 to 5.00

D. nobile Tollianum. Small plants 3.50

D. nobile virginalis. Beautiful white form, disc of lip rose-pink. Of this most useful variety we can supply fine healthy plants in 2½-inch pots to grow on, at 2.00
Larger plants . . . . . $3.50 to 5.00

D. × Pallens . . . . . 3.50 to 5.00

D. Parishii . . . . . 2.50 to 3.50

D. Paxtoni 2.50

D. phalænopsis Schrœderianum. Flowers 2½ to 3½ inches across on slender pedicels; white, flushed with pale rosy mauve, petals purplish mauve; one of the finest for cutting. October-November. New Guinea . . . . $1.50 to 2.50

D. Pierardi . . . . . 1.50 to 2.50

D. primulinum. February-March 2.50

D. regium 7.50

D. × Rolfæ (*D. primulinum × D. nobile*). Small plants 5.00

D. × rubens grandiflorum . . . . $3.50 to 5.00

D. × Schneiderianum (*aureum × Findlayanum* . . . . . $3.50 to 5.00

D. × Schneiderianum grandiflorum. 5.00

D. × Sibyl (*bigibbum × Linanvianum*) . . . 5.00

D. × splendidissimum. A handsome hybrid (*D. nobile × D. aureum*). Small plants. February-March. (*See illustration, page* 31.) 2.00
Larger plants 3.50

D. × splendidissimum grandiflorum $3.50 to 5.00

D. × splendidissimum grandiflorum, Thompson's var . . . . . $5.00 to 7.50

Dendrobium nobile

Dendrobium splendidissimum. *See page* 30

DENDROBIUM—Continued

Each

D. suavissimum. Resembling D. chrysotoxum in habit; flowers fragrant, gracefully drooping, 3 inches across and of a rich golden-yellow color; lip fringed with a purple blotch striped with crimson. May-June. Burma..$2.50 to $5.00

D. superbiens..... 2.50

D. superbum. A fine species from the Philippines, with large magenta-rose colored flowers.. $1.50 to 2.50

D. superbum, var. Dearei. A rare, pure white form of D. superbum..... 50.00

D. × Thelma (*Wiganiæ album × nobile virginalis*).....$2.50 to 5.00

D. thyrsiflorum. Flowers waxy white with orange-yellow lip, in many-flowered drooping clusters. Fine for exhibition purposes. May-June. Moulmein. (*See 3rd cover.*) $1.50, $2.50 and 5.00

D. transparens..... 2.50

D. × Venus (*D. Falconeri × D. nobile*)..... 2.50
Larger plants.....$3.50 to 5.00

D. Wardianum. Flowers 3 to 4 inches across, in twos or threes along the tall pseudo-bulbs sometimes to the number of 40. Sepals and petals white, tipped with purple; lip bright orange, with two eye-like spots of crimson magenta. A species of striking beauty. February-April. India. (*See illustration, page* 32.) $1.50 to 2.50

D. Wardianum album.....10.00 to 15.00

D. Wardiano-Japonicum (*D. Wardianum × D. moniliforme*). Small plants..... 3.50

Each

D. × Wiganiæ (*D. nobile × D. signatum*). Small plants..... $3.50 to $5.00

D. × xanthocentrum (*Linawianum × Wardianum*)..... 5.00

DENDROCHILUM (See **Platyclinis**).

EPIDENDRUM Brassavolæ. Mexico..... 2.50

E. × Burtonii..... 2.50

E. ciliare. Flowers fragrant, several in a raceme, greenish-yellow, with fringed lip. Colombia and Central America.....$1.00 to 2.00

E. cinnabarinum..... 1.50 to 2.50

E. Cooperianum. A large-growing species, 2 to 4 feet high; flowers in dense drooping racemes. Rose-colored. Brazil. Spring..... $3.50, $5.00 and 10.00

E. coriaceum. (*Syn. variegatum.*) Brazil..... $1.50 to 2.50

E. Decipiens..... 5.00

E. × Dellense (*E. xanthinum × E. radicans*). A beautiful hybrid, with orange-vermilion flowers in terminal clusters..... $2.00, $3.00 and 5.00

E. falcatum. Mexico. Spring..... 2.50

E. Godseffianum..... 2.50

E. Kewensis..... 10.00

E. macrochilum. Flowers among the largest in the genus; chocolate-brown and pale yellow-green; lip white, streaked with pale purple. Colombia and Central America.....$1.50 to 2.50

E. nemorale..... 1.50 to 2.50

E. × O'Brienianum. Hybrid between E. erectum and radicans. Flowers brilliant carmine, faintly shaded orange; crest on lip bright yellow.....$3.00 to 5.00

E. prismatocarpum. Central America..... $2.50 to 5.00

Dendrobium thyrsiflorum

EPIDENDRUM—Continued

Each

E. rhizophorum (*radicans*). Flowers dark orange-red, remaining in beauty for a considerable period, produced in long, terminal racemes. Colombia and Central America. February-April $2.00

E. Stamfordianum 2.50

E. Stamfordianum, var. Wallacei 10.00

E. stenopetalum 5.00

E. vitellinum majus. Flowers 1½ inches across, brilliant orange-scarlet, in 6 to 15-flowered racemes, lasting long in perfection. October-December. Mexico ..... $1.50 to 2.50

E. Wallisii. A fine species with yellow flowers. Maroon-spotted. Lip feathered, white and purple. February-March ..... $3.50 to 5.00

EPI-CATTLEYA × Mrs. Smith (*Epidendrum aurantiacum × C. gigas*) 10.00

EPI-CATTLEYA × Nebo (*C. × Claesiana × E. × O'Brienianum*) ..... $5.00 to 10.00

EPI-CATTLEYA × Orpetiana (*Cattleya guttata var. Prinzii × Epidendrum O'Brienianum*) $5.00 to 10.00

EPIPHRONITIS × Veitchii 5.00

ERIOPSIS rutidobulbon 5.00

GOMEZA planifolia. Flowers yellowish, sweet-scented, in dense arching spikes. Brazil. $1.50 to 2.50

GONGORA maculata ..... 3.50 to $5.00

GRAMMATOPHYLLUM Ellisii 18.00

HOULLETIA odoratissima Antioquiensis. Colombia ..... $1.50 to 2.50

Dendrobium Wardianum. *See page* 31

Laelia acuminata (rubescens)

THE LAELIAS

Each

LÆLIA. The Lælias are among our finest Orchids, and should occupy a prominent place in every collection.

L. acuminata (*rubescens*). Flowers white, sometimes tinged with rose, on spikes 10 to 15 inches high; flowers during the Winter months and is very useful for cutting. Costa Rica ..... $1.50 to $2.50

L. albida. Flowers white and pale pink, veined with yellow, on many-flowered tall spikes. November to June. Mexico . $1.25 to 2.50

L. anceps. Flowers 4 inches across on 2 to 6-flowered scapes, often 3 feet high; sepals and petals rosy blush; lip deep purple. November-January. Mexico. (*See illustration, page* 33.) ..... $1.00, $2.00 and 3.00

L. anceps alba. True. Flowers pure white, excepting a shade of yellow in the throat. We have probably the largest stock of these in the world; they rank with the finest and choicest Orchids known. (*See illustration, page* 33.) .. $7.50, $15.00 to 25.00

L. anceps Blanda. Sepals and petals soft pale rose; lip deep amethyst purple . . . $5.00 to 10.00

L. anceps Dawsoni. Flowers pure white, save for a deep crimson blotch on the interior lobe. This is acknowledged to be the best of the white forms with color on the lip . $10.00 to 15.00

L. anceps grandiflora. This variety has very large, highly colored flowers of fine form and substance ..... $5.00 to 10.00

L. anceps Hilliana. Sepals and petals pure white with pale rose lip. (*See illustration, page* 33.) ..... $5.00, $10.00 to 15.00

L. anceps Hilliana, var. Rosefieldiensis. Similar in color to the preceding, but greatly superior in form in every part of the flower 15.00

LAELIAS.—Continued — Each

L. anceps Lageriana. A new and beautiful variety; sepals and petals white, suffused with rose; lip dark lavender mottled and streaked with purple; lateral lobes lavender and veined with purple; throat yellow with purple veins. $35.00

L. anceps Percivaliana. Sepals and petals palest rose pink; lip with bright mauve purple. $5.00, $7.50 to 10.00

L. anceps rosea. A pleasing and distinct variety with pale rose colored flowers; the lip is large, of rosy magenta color. $5.00, $7.50 to 10.00

L. anceps, var. Sanderiana. Sepals and petals pure white, with a rose-purple blotch on the front lobe of the lip. December-February. Mexico ..... $3.00, $5.00 and 10.00

L. anceps, var. Stella. Sepals and petals pure white; front lobe of lip white, with rose markings; throat yellow with purple lines. December-February. Mexico ..... $3.00, $5.00 and 10.00

L. anceps Veitchiana. Sepals and petals almost pure white, with slaty blue lip and similar lines in the tube ..... $10.00 to 15.00

L. anceps Williamsii ..... 10.00 to 15.00

L. autumnalis. Flowers purple, lip rose and white, with yellow center, on graceful spikes 2 or 3 feet long; very fine. November-January. Mexico ..... $1.50 to 2.50

L. autumnalis alba. Pure white, except for a slight tinge of yellow in the throat .... $15.00 to 25.00

L. autumnalis atro-rubens ..... 2.00 to 3.50

L. cinnabarina. Flowers orange-scarlet, with a crispy lip; very valuable for hybridizing. January-March. Brazil ..... $1.50 to 3.00

L. crispa. Flowers much crisped and undulated, 4 to 5 inches across,: white sepals and petals, sometimes tinted with pale purple toward the base; lip veined and reticulated deep purple. Summer months. Brazil ..... $3.00 to 5.00

L. Dayana. Flowers 3 to 4 inches across, rose-purple. Brazil. (*See illustration page* 34) ..... $1.50 to 2.50

L. Dayana × L. anceps Stella 5.00

L. Dormaniana. Flowers olive-green with light vinous purple; very free-flowering. December-January. Brazil $2.50

Vase of Laelia anceps and its varieties, such as Alba, Stella, Sanderiana, Rosea, Hilliana and Veitchiana.
See pages 32-33

Each

L. Digbyana (*Brassavola*). Large solitary creamy white flowers, lip streaked with purple and beautifully fringed; very valuable for hybridizing. Honduras ..... $2.50 to $5.00

Laelia anceps var. Stella

Laelia crispa

LAELIAS—Continued Each

L. elegans. A magnificent Orchid nearly extinct in its native habitat; very variable in the shades of the flowers from white to pink and rosy purple. This Orchid is one of the easiest of all to grow, and propagates readily. It generally flowers twice during the year; its magnificent trusses of flowers appearing as soon as the bulb is made up. We have the largest stock of this choice Orchid in this country; most of our plants are of the dark, so-called Turneri type. Spring and Fall. Brazil..... $5.00, $7.50, $10.00, $15.00 and $25.00

L. flava. Flowers of a clear yellow, 8 to 10 in number, on erect scapes and last a long time in perfection. February-March. Brazil.... $2.50 to 5.00

L. Gouldiana. Very rare and handsome; a supposed natural hybrid between L. autumnalis, which it resembles in habit, and L. anceps; flowers rose purple; lip with yellow keels. Winter. Mexico.....$7.50 to 10.00

L. grandis tenebrosa. Flowers 4 to 5 inches across, nankeen-yellow, with white lip veined with rose-purple. May-June. Brazil $2.50 to 5.00

L. Jongheana. February-March. Brazil..... 2.50

L. majalis. Flowers large, of delicate lilac, rose lip with white and magenta-purple stripes. Flowers in Summer and lasts in perfection several weeks. Mexico.....$1.50 to 2.50

L. majalis alba. A white form of the preceding, of rare beauty.....$10.00 to 15.00

L. Patinii..... 1.50 to 2.50

L. Perrinii. Sepals and petals rosy purple, tipped with purplish magenta; lip deep crimson. September-October. Brazil. .....$3.00 to 5.00

L. præstans. September-October. Brazil. (*See illustration, page* 35.).....$1.50 to 2.50

L. purpurata. Flowers very large, sepals and petals white; lip very large, rich deep purplish crimson; one of the grandest Orchids in cultivation and a noble one for exhibition purposes. May-June. Brazil.....$2.50 to 5.00

Laelia Dayana. *See page* 33

Each

L. pumila × L. purpurata.....$15.00

L. superbiens. A very large-growing species; flowers of deep rose, large, 15 to 20 borne on spikes 3 to 7 ft. high. Central America. January-February.....$2.50, $5.00 to 10.00

L. tenebrosa × L. C. Canhamiana 15.00

LÆLIO-CATTLEYA. This is a wonderful class of plants, consisting of bigeneric hybrids between Cattleyas and Lælias. The number of varieties is almost endless; most are beautiful and interesting. We catalogue below a few of the best Lælio-Cattleyas, strong-flowering sizes.

LÆLIO-CATTLEYA Aphrodite. (*C. Mendelii × purpurata*)..... $15.00 to 25.00

LÆLIO-CATTLEYA × Arnoldiana. (*Syn. Calistoglossa.*) (*L. purpurata × C. gigas*) ..$10.00 to 15.00

LÆLIO-CATTLEYA × Bella (*C. labiata × L. purpurata*)..$15.00 to 25.00

LÆLIO-CATTLEYA × Bletchleyensis (*L. tenebrosa × C. gigas Sanderiana*). On opening, the flowers are of a fine shade of bronze, suffused with rose, but with maturity the latter color deepens, and the bronze is but faintly apparent..... $10.00, $15.00 to 25.00

LÆLIO-CATTLEYA × Canhamiana (*L. purpurata × C. Mossiæ*) $5.00 to 10.00

LÆLIO-CATTLEYA × C. G. Roebling (*C. Gaskelliana × L. purpurata aurora*). This is a strong grower; handsome flowers intermediate between both parents. We can offer strong plants. $10.00 to 15.00

LÆLIO-CATTLEYA × Calistoglossa (*L. purpurata × C. gigas*). Flowers large, pale rose with deeper suffusion, with deep rose-purple lip with veins.....$10.00 to 15.00

LÆLIO-CATTLEYA × Decia (*L. Perrinii × C. Dowiana*).$10.00 to 15.00

Laelia Perrinii

Each

LÆLIO-CATTLEYA × Eudora (*L. purpurata × C. Mendelii*) $15.00 to $20.00

LÆLIO-CATTLEYA Eudora × Cattleya gigas 20.00

LÆLIO-CATTLEYA × eximia gigantea magnifica (*L. purpurata × C. Warneri*) 30.00

LÆLIO-CATTLEYA × Exoniensis (*C. Mossiæ × L. crispa*) ... 10.00

LÆLIO-CATTLEYA × Fabia (*C. labiata × L. tenebrosa*) ... $15.00 to 20.00

LÆLIO-CATTLEYA × Fascinator (*C. Schrœderæ × L. purpurata*) ..... $15.00 to 20.00

LÆLIO-CATTLEYA × Frederick Boyle var. **Kerschoviæ** (*L. anceps alba × C. Trianæ alba*). This is a truly magnificent hybrid with fine, large white flowers ..... $10.00 to 20.00

LÆLIO-CATTLEYA × G. S. Ball (*Cattleya Schrœderæ × Lœlia cinnabarina*). Flowers on a long scape, about six times as large as L. cinnabarina and of as good a color, the paleness of the C. Schrœderæ leaving the bright cinnabar-red unadulterated. ..... $5.00, $10.00 to 15.00

Laelia praestans. *See page* 34

Each

LÆLIO-CATTLEYA × Haroldiana (*C. Hardyana × L. tenebrosa*) ..... $25.00 to $35.00

LÆLIO-CATTLEYA × Hyeana (*L. purpurata × C. Lawrenceanum Hyeana*) 15.00

LÆLIO-CATTLEYA × luminosa (*L. tenebrosa × C. aurea*) 25.00

LÆLIO-CATTLEYA × Lucasiana (*C. labiata × L. tenebrosa*) ..... $20.00 to 25.00

LÆLIO-CATTLEYA × Martineti (*C. Mossiæ Reineckiana × L. tenebrosa*) 20.00

LÆLIO-CATTLEYA × Mossiæ Russelliana × L. tenebrosa 20.00

Lycaste lanipes. *See page* 36

Each

LÆLIO-CATTLEYA × Nysa (*C. gigas × L. crispa*) ..... $15.00 to $20.00

LÆLIO-CATTLEYA × Ophir (*C. Dowiana × L. xanthina*) 25.00

LÆLIO-CATTLEYA × Pallas (*L. crispa × C. Dowiana*) 10.00

LÆLIO-CATTLEYA × Parysatis (*C. Bowringiana × L. pumila*) ..... $2.50 to 5.00

LÆLIO-CATTLEYA × Queen of Sheba 10.00

LÆLIO-CATTLEYA Schilleriana × L.-C. Calistoglosssa 20.00

LÆLIO-CATTLEYA × Schiffmannii (*C. Mendelii × L.-C. Calistoglossa*) 25.00

LÆLIO-CATTLEYA × Statteriana (*C. labiata × L. Perrinii*) ..... $5.00 to 10.00

LÆLIO-CATTLEYA × Wellsiana (*C. Trianae × L. purpurata*) 20.00

LÆLIO-CATTLEYAS in variety, records of which are lost; fine, strong plants in flowering sizes ..... $5.00 to 10.00

LEPTOTES bicolor. February-March. Brazil. 1.50

LOCKHARTIA gigantea (*Colombia*) 3.50

LYCASTE aromatica. Flowers golden-yellow, tip spotted with orange; fragrant. Mexico .... $1.50 to 2.50

L. costata. Colombia 2.50

L. cruenta 2.50

L. Deppei. Flowers large; sepals pale green, flushed and spotted with red; petals pure white; lip bright yellow and red spotted, side lobes white, marked with red. Winter. Mexico ..... $1.50 to 2.50

L. fulvescens. Colombia ..... 2.50 to 5.00

L. hybrida (*L. Skinneri × L. Deppei*). A most beautiful hybrid. Flowers somewhat smaller than Lycaste Skinneri and much larger than L. Deppei; of cream color, with numerous minute dark spots; a gem in every respect. Plants with one to two bulbs, according to size 15.00

Lycasti Skinneri

LYCASTE—Continued

Each

L. Harrisoniæ. (*Syn. Bifrenaria Harrisoniæ.*) Flowers large and fleshy; creamy white with purple lip, yellowish at the base. Brazil..... $2.50

L. lasioglossa. Flowers 4 to 5 inches across, sepals reddish-brown, yellow at the tip, hairy at the base, petals bright yellow, lip yellow; three lobes, the side lobes stained with red on the inner side, the terminal lobe clothed with long white hairs. An odd and beautiful species. Very scarce. March. Guatemala.... $10.00 to 15.00

L. lanipes. Flowers large, white, shaded with green. September-October.....$2.50 to 5.00

L. plana. Colombia..... 2.50

L. Skinneri. One of the most popular Orchids; bright, free-flowering and lasting, thick texture and widely open. The prevailing colors are rose and pink, deep crimson spots on white lip. Winter months. Guatemala.....$1.50 to 2.50

Each

L. Skinneri alba.....$25.00

L. Skinneri grandiflora. A superb variety with large, fine flowers..... 10.00

L. tyrianthina..... 2.50

MACRADENIA Brassavolæ. Colombia..... 10.00

MASDEVALLIA bella..... 2.50

M. Chimæra..... 2.50

MAXILLARIA grandiflora..... 5.00

M. hyacinthina..... 2.50

M. incarnata. Colombia..... 2.50

M. iridifolia..... 2.50

M. luteo-alba. Yellow and white. Colombia.. 2.50

M. picta. Brazil..... 1.50

M. rubescens. Colombia..... 3.50

M. venusta. Flowers white. Decem.-Jan..... 2.50

M. nigrescens..... 2.50

M. tenuifolia. Mexico.....$1.50 to 2.50

M. variabilis..... 1.50 to 2.50

M. Sanderiana. The finest of all..... 10.00

Miltonia Bleuana grandiflora. *See page 37*

Miltonia phalaenopsis

Each

MEGACLINIUM falcatum $10.00

MILTONIA × Ajax (*Cochlioda Noetzliana × M. Schrœderiana*) 15.00

M. Bleuana grandiflora. Extremely rare and beautiful. (*See illustration, page* 36) $25.00 to 50.00

M. Bluntii Lubbersiana (*Nat. hyb. M. spectabilis × M. Clowesii*) ..... $10.00 to 15.00

M. candida. Sepals and petals yellowish, spotted with rich brown; lip white, tinged with rosy pink. September-October. Brazil..... 2.50

M. Clowesii. Brazil..... 2.50

M. cuneata. Brazil..... 2.50

M. Endresii. A beautiful Orchid, scarce in cultivation, resembling M. vexillaria; scapes with 3 to 5 white flowers, with a light reddish blotch at the base of each segment. Flowers at various seasons. Costa Rica..... 5.00

M. flavescens ..... $2.50 to 5.00

Each

Miltonia phalænopsis. This is a veritable gem and of easy culture. Scapes 3- to 5-flowered. Sepals and petals white. The lip is white, blotched and streaked with purple...$2.50 to $5.00

M. phalænopsis alba. This is, as far as we know, a unique plant, discovered as this catalogue goes to press. The flowers are of the same shape as the type and the color is pure white all over, with a greenish yellow in the center. Price on application.

M. Regnelli ..... $2.50 to 5.00

M. Roezlii (*Queen Orchid. Reinas*). One of the most beautiful Orchids in cultivation; flowers flat, 3½ to 4 inches across, white, with a purple blotch at the base of each petal and an orange-yellow disc at the base of the lip. This Orchid requires plenty of heat and moisture at all times and should never be allowed to become dry. Western Colombia..... $2.50 to 5.00

M. Roezlii alba. Flowers pure white, except the yellow disc of the lip..... $3.50 to 5.00

M. Schrœderiana. A very rare Orchid; flowers fragrant, 7 to 9 on the spike; sepals and petals chestnut-brown marked and tipped with yellow, lip rose-purple and white. Summer months. Costa Rica..... $5.00 to 10.00

M. spectabilis. Flowers nearly flat, 3 inches across, white or cream colored, sometimes tinged with rose toward the base; lip vinous purple with longitudinal veins of deeper shade and margin of white or pale rose. Brazil. $1.50 to 2.50

M. spectabilis Moreliana. Flowers usually larger than the type, of plum-purple, with bright rose-purple lip, deeply veined and reticulated. Brazil..... $1.50 to 2.50

M. vexillaria (*Pansy Orchid*). A species which ranks among the first of all Miltonias, yet is quite distinct among them all. The slender scapes bear from 5 to 7 large flowers of bright rosy pink. Colombia..... $1.50 to 2.50

MORMODES Buccinator 2.50

M. B. citrinum 2.50

NANODES Medusæ ..... $10.00 to 15.00

NEO-BENTHAMIA gracilis 5.00

Miltonia Roezlii

Miltonia vexillaria

Odontoglossum Rolfeae *See page* 39

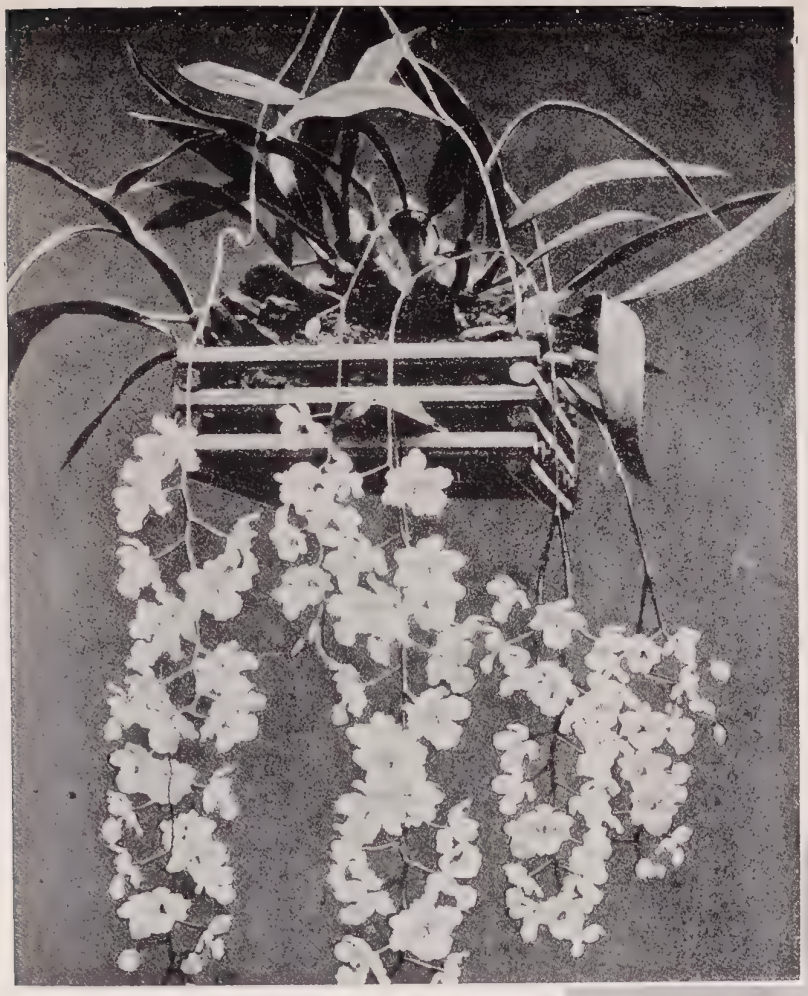
ODONTOGLOSSUM

The plants included in this section of cool-house Orchids form a group of unusual beauty and utility. The genus, closely related to Oncidium and Miltonia, embraces about 100 species originating in the higher regions of the Andes, from Mexico and Guatemala to Colombia and Bolivia. Odontoglossum crispum, probably the most extensively grown Orchid, is particularly admired for its extremely handsome flowers and easy culture. A remarkable number of natural hybrids occur in the family, and intercrossing no doubt accounts in large measure for the size and horticultural value of the genus. With few exceptions, the Odontoglossum is found in extremely moist situations, where the annual rainfall is excessive and the temperature more or less even and cool throughout the year.

A number of beautiful and rare hybrids adapted to our climate will be found listed below, alphabetically, with the species.

	Each
ODONTOGLOSSUM × amabile (*crispum × crispo-Harryanum*)	$10.00
O. × Ardentissima (*crispum × Pescatorei*)	10.00
O. Bictonense. Flowers yellowish-green, blotched with chestnut-brown, with pale rose lip. Fall. Guatemala and Mexico	$1.50 to 2.50
O. Cervantesii. Flowers 1½ to 2 inches across, white, with chocolate-red tangential streaks around the base. Mexico	$1.00 to 2.00
O. cirrhosum	3.50
O. citrosmum. This plant produces its long, pendulous spikes of fragrant lemon-colored flowers, sometimes flushed and dotted with pink; fine for exhibitions; remaining perfect for weeks. June-July. Mexico. *See illustration, page* 39	$1.50 to 2.50
O. citrosmum album	5.00
O. × Claytii	18.00
O. crispum (*O. Alexandræ*). One of the most charming, beautiful and useful of all Orchids; flowers large, variable in colors, white frequently tinged with rose, and again blotched with red; borne on long, many-flowered, gracefully arching spikes. (*See illustration of flowering spike on page* 39.) March-May. Colombia	$1.50, $2.50 to 5.00

Odontoglossum grande. *See page* 39



Odontoglossum citrosmum. *See page* 38

Each

O. × Dora (*O. Lambeaniana × Pescatorei Duchess of Westminster*) . . $10.00

O. grande. This fine plant, known as the "Baby Orchid," flowers from September to December. The flowers are very large, cinnamon-brown and yellow. It is best grown in pots in fibrous peat and sphagnum in an average temperature of 55°. Guatemala. (*See illustration, page* 38.) $2.50 to 5.00

O. Hallii 5.00

O. Harryanum 2.50

O. × Hibernicum (*Hallii × hastilobium*) 10.00

O. Insleayi. Plant and inflorescence as in O. grande. Flowers 2½ to 3 inches across, pale greenish-yellow, barred with reddish-brown; lip bright yellow with margin of red spots. Mexico . . . . . $1.50 to 2.50

O. × Jasper (*crispum Victoria Regina × amabile*) 25.00

O. luteo-purpureum sceptrum . . . 2.50

O. × Ossultoni (*nobile × spectabile*) 15.00

O. × Othello (*Harryanum × Adrianæ*) 15.00

O. Pescatorei. Colombia . . $1.50 to 2.50

Each

O. pulchellum (*Lily of the Valley Orchid.*) With fragrant flowers, 5 to 10 on a tall spike, pure white, with yellow disc; the sprays resemble much the Lily of the Valley; very useful for cutting. Spring. Costa Rica . . . . . $1.50 to $2.50

O. Reichenheimi . . . . 1.50 to 2.50

O. × Rolfeae (*Harryanum × nobile.*) A magnificent hybrid of easy culture. (*See illustration, page* 38) 15.00

O. Rossii majus. Flowers white and brown, spotted with purple. January-March Mexico . . . . . $1.00 to 2.00

O. × Solon (*Adrianæ × Ardentissima*) 15.00

O. × Thompsonianum (*crispum × Edwardii*) 10.00

O. Uro-Skinneri. A strong-growing species with spikes 2 to 3 feet in height, having numerous large flowers; sepals and petals olive-yellow, blotched with rich purple-brown; lip mauve-purple mottled with white. December-March. Guatemala. . . . 3.50

ODONTIODA × Bradshawiæ (*Cochlioda Noetzliana × A. crispum*) 10.00

ODONTONIA × Laireseæ (*Milt. Warscewiczii × O. crispum*) 15.00

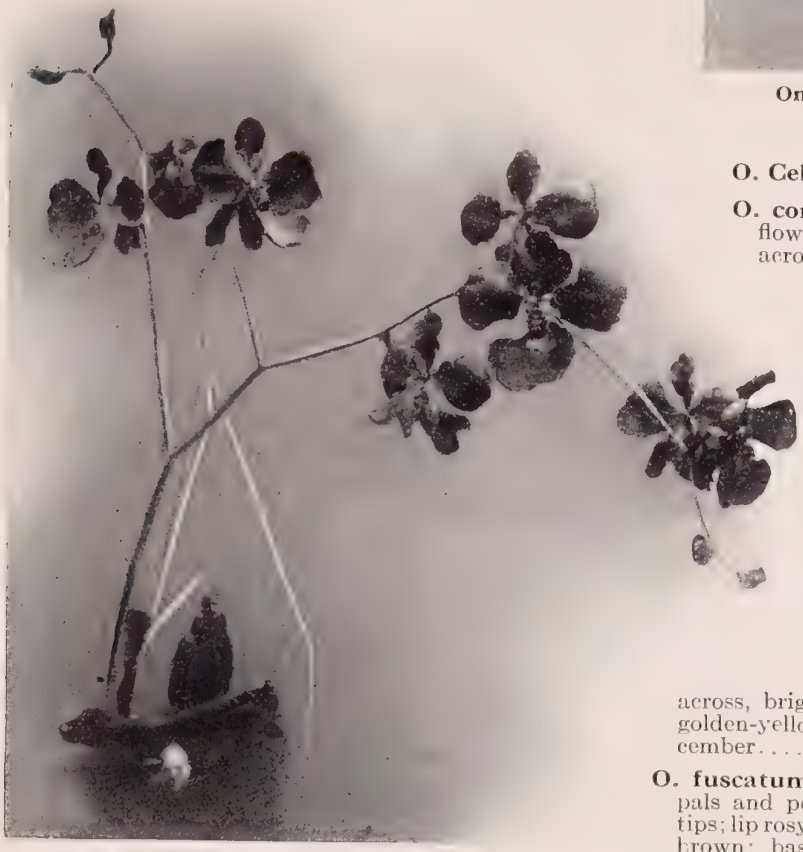
Odontoglossum Insleayi

ONCIDIUM

A large and popular genus of epiphytal Orchids, with some 300 species, distributed through Mexico, Central and Tropical America and the West Indies. They require plenty of moisture and a sweet atmosphere when growing, but when growth is completed, water should be applied carefully. May be grown in either pots, pans or baskets, preferably the latter, as many of these species are of rambling habit.

Oncidium Marshallianum. *See page* 41

	Each
ONCIDIUM ampliatum majus. Flowers bright canary-yellow with 1 to 2 red-brown blotches; very fine. Colombia and Central America	$2.50
O. anthocrene. Very rare and beautiful	$15.00 to 25.00
O. barbatum	1.50 to 2.50
O. bicallosum	2.50
O. Carthaginense. Colombia	2.00
O. Cavendishianum. A showy species of bold habit. Flowers bright yellow, in great abundance and tall branching scapes; sepals spotted with bright chestnut, petals of same color, lip pure bright yellow. Winter months. Mexico and Guatemala	$1.50 to 2.00



Oncidium crispum

	Each
O. Cebolleta. Colombia	$2.50
O. concolor. A beautiful species with flowers measuring from 1½ to 2 inches across, on radical scapes in long pendulous racemes; pure yellow. March-June. Brazil	2.50
O. cornigerum	$2.50 to 5.00
O. crispum (*Brown Butterfly Orchid*). Flowers much crisped and undulated, bright chestnut brown, sometimes spotted and margined with yellow. Brazil. October-December.	$1.50, $2.50 to 3.50
O. curtum. A beautiful Orchid with flowers of chestnut-brown barred with bright yellow. Brazil	$1.50, $2.50 to 3.50
O. flexuosum. Flowers golden-yellow on long graceful spikes. Brazil	$2.00 to 3.00
O. Forbesii. Flowers 2½ inches across, bright chestnut-brown with a narrow golden-yellow border. Brazil. October-December	$1.50 to 2.50
O. fuscatum. A very beautiful species. Sepals and petals are brownish red, whitish at tips; lip rosy purple shading to white; disc red-brown; base white. February-March. (*See illustration page* 41.)	$1.50 to 2.50

ONCIDIUM—Continued

Each

O. graminifolium. Flowers large on long branched scapes; yellow, blotched with brown; lip bright yellow..$2.50 to $3.50

O. Harrisonianum. This is a most graceful and beautiful species. It produces a number of spikes to the plant, with numerous flowers three-quarters of an inch across; color bright yellow, blotched with red. Brazil $1.50 to 2.50

O. incurvum. Flowers white and purple, small but produced in great abundance on long racemes. September-October. Mexico..... $1.50 to 2.50

O. Kramerianum (*Butterfly Orchid*). One of the most remarkable and beautiful of all the Oncids; flowers reddish-brown, orange-red and bright canary-yellow, beautfully blended. Colombia .....$1.25 to 2.50

O. Lanceanum 2.50

O. luridum.... .....$1.50 to 5.00

O. longipes..... 1.50

O. macranthum. One of the finest of all the Oncidiums.. .$5.00 to 10.00

O. Marshallianum. A grand Orchid; flowers variable in size and color, measuring from 2½ to 3 inches across; sepals and petals of bright yellow spotted with red-brown, lip bright yellow. Brazil. (*See illustration, page* 40.) .....$3.00 to 5.00

O. microchilum ..... 1.00 to 2.00

O. oblongatum. Mexico ..... 2.50 to 5.00

O. ornithorynchum (*Love Bird Orchid*). One of the finest for decorative or exhibition purposes. A plant in a 5- or 6-inch basket will frequently produce 12 to 18 drooping spikes with an abundance of rose-colored fragrant flowers. October-February. Mexico..... $1.00, $1.50 to 2.50

Oncidium fuscatum. *See page* 40

Oncidium ornithorynchum

Each

O. ornithorynchum album.....$10.00 to$15.00

O. papilio (*Butterfly Orchid*). Flowers 4 inches across, yellow, blotched with red, opening like O. Kramerianum, one at a time on a slender stem. Venezuela..... 1.50

O. phymatochilum. Brazil..... 2.50

O. pubes. Brazil..... 1.50

O. pulchellum..... 2.50

O. sarcodes. One of the very finest of the genus, with long, arching spikes, bearing flowers of a chestnut-brown color, bordered with yellow, lip bright yellow, with a few red-brown spots. Spring. Brazil. (*See illustration, page* 42) $3.00 to 5.00

O. sphacelatum. Mexico and Central America.. . .$1.50 to 2.50

O. splendidum. A very fine species; the large flowers are of a yellowish-green, barred and blotched with rich brown, lip large, clear yellow; one of the finest for cutting. Winter months. Guatemala .....$1.50 to 2.50

O. tigrinum. Flowers about 3 inches across, fragrant, bright yellow, heavily blotched with brown, except lip, which is wholly yellow. November-December. Mexico. $1.50 to 2.50

O. tigrinum unguiculatum..... 1.50 to 2.50

O. varicosum Rogersii (*Golden Butterfly Orchid*). One of the most beautiful and useful Orchids, with spikes often attaining 5 feet in length and branches bearing an abundance of golden-yellow flowers; very fine for decorations and exhibition purposes. October-December. Brazil. (*See illustration, page* 42.).....$1.50 to 2.50

ONCIDIODA × Charlesworthii (*Cochlioda Noetzliana × On. incurvum*)..... 25.00

ORNITHIDIUM densa..... 2.50

O. fragrans..... 2.50

PERISTERIA Cerina. Scapes short, pendulous; flowers in dense racemes; light citron yellow..... Each $2.50

P. elata (*Dove Orchid. Espiritu Santo*). The erect flower scapes are from 3 to 5 feet in height. The flowers are waxen white and globular in shape. The inner parts of each flower resemble a dove with outspread wings. Colombia and Central America.....$1.50 to 2.50

PESCATOREA cerina. A bulbless plant, flowers some 3 inches across; of a pale waxy straw color, lip yellow, sometimes with a band of deep purple. Costa Rica..... 2.50

P. Dayana. Colombia..... 5.00

P. Klabochorum. Flowers large, white, with purplish crimson lip. September..... 5.00

PHAIUS grandifolius. A stately evergreen terrestrial species, with radical scapes 3 to 4 ft. high, bearing long erect racemes of showy flowers. Winter and Spring. China..$2.50 to 5.00

PHAIUS × Cooksonii..... 15.00

P. × Norman (*P. grandifolius × Humblotii*). 15.00

PHALAENOPSIS. These plants grow in the hottest regions of the globe and mostly very near the water, where the air is quite moist. They grow best in a temperature of about 70°, in baskets filled with moss and charcoal. The flowers are extremely beautiful. Philippine Islands.

Oncidium varicosum Rogersii. *See page* 41.

Oncidium sarcodes. *See page* 41.

P. ambalis. Flowers pure white, 4 to 5 inches across. One of the most beautiful of all Orchids. December-March. Luzon. (*See illustration, page* 43.)..... Each $3.00 to $5.00

P. Cynthia. Supposed natural hybrid between P. Schilleriana and P. amabilis. Flowers large, rose-colored..... 35.00

P. Esmeralda. Flowers variable, about an inch across, light or dark amethyst-purple, lip deep purple on many-flowered scapes; 15 to 30 inches high. Fall. Cochin China..... 5.00

P. Luddemanniana. A beautiful sweet-scented Orchid with variable flowers; whitish, marked with transverse amethyst bars and marks. Philippines.....$5.00 to 10.00

P. Luddemanniana var. **Ochracea**... 7.50 to 10.00

P. Sanderiana. Flowers large, rose-pink, mottled with white, lip white, spotted with pale rose..... 7.50

P. Schilleriana. Peduncles sometimes 3 to 4 ft. long, branched, bearing flowers 3 to 3½ inches in diameter, but less when flowers are very numerous. Of delicate rose-purple suffused with white.....$3.00 to 5.00

P. Stuartiana..... 7.50 to 10.00

PHOLIDOTA imbricata..... 2.50

PLATYCLINIS autumnalis giganteum. A very large-growing species from the Philippines, with racemes somewhat more slender than P. glumacea, but attaining a length of 12 to 18 inches. Yellowish-white, sweet-scented. October-November.....$3.50 to 5.00

P. Cobbiana..... 7.50

P. cucumerinum..... 5.00

P. filiformis..... 3.50

P. glumacea. February-March..... 3.50

P. latifolia..... 3.50

RENANTHERA coccinea. Burma..... 10.00

R. Imschootiana. A handsome Orchid with bright, vermilion-colored flowers on large scapes. Early Spring. Burma.....$5.00 to 10.00

R. Storiei. Philippines..... 15.00

Each

SACCOLABIUM Blumei. (*Syn. Rhyncostylis retusa.*) ... $5.00

S. guttatum. (*Syn. Rhyncostylis guttata.*) Siam 5.00

S. giganteum. Flowers fragrant, on racemes 10 to 18 inches long, sepals and petals white, sparsely spotted with amethyst-purple. Burma ... 5.00

S. violaceum. Flowers fragrant, on many-flowered pendulous scapes; white, spotted with amethyst-purple. December-January. Philippines 5.00

SCHOMBURGKIA crispa. Venezuela and Guiana ..... $2.50 to 5.00

S. Lyonsii ..... 2.50 to 5.00

S. undulata. Flowers about 2 inches across, purplish-brown, lip with pale rose, purple and white. December-January. Venezuela . $2.50 to 5.00

S. species. From upper Orinoco ..... $2.50 to 5.00

SCUTICARIA Hadwenii 2.50

S. Steelii 2.50

SOBRALIA × Amesiana 5.00

S. macrantha. Stems 3 to 8 ft. high, flowers large, fragrant, rich crimson-purple, lip very broad, throat whitish, shaded with yellow. Spring. Mexico. $2.50

S. macrantha alba. (*Syn. var. Kienastiana.*) Pure white, of unusual beauty. May ..... $5.00, $10.00 to 15.00

S. xantholeuca. Flowers large, with creamy yellow sepals and petals; lip of darker yellow; throat shaded with brown ..... $5.00 to 10.00

SOPHRONITIS cernua ..... 1.50 to $2.50

S. coccinea ..... 1.50 to 2.50

Phalaenopsis amabilis. *See page* 42

Each

Sophronitis grandiflora. A very pretty little Orchid, with exceedingly brilliant flowers of deep crimson-scarlet; very showy and effective, and most useful to the hybridists. November-January. Brazil. (*See illustration, page* 44.) .. $1.50 to $2.50

STANHOPEA Amesiana (*Lowii*). A rare and showy species with large white flowers. August-September. Colombia ..... $5.00 to 10.00

S. Bucephalus. Flowers very fragrant, pale rich yellow with purple dots and small blotches. June-August. Ecuador 2.50

S. eburnea. Ivory-white, or light straw color with white lip. Very beautiful and seldom seen in cultivation. South Brazil. September 5.00

S. grandiflora 5.00

S. insignis. Flowers dull yellow, richly spotted and stained with purple; large, showy and fragrant. August-September. Brazil 2.50

S. tigrina. One of the handsomest of all ... 2.50

S. Wardii 2.50

TAINEA viride fusca. (New) 5.00

THUNIA alba 2.50

T. Marshalliana. Flowers pure white, except the front lobe, which is veined with rich orange and orange-yellow 2.50

TRICHOPILIA Hennesii ..... $2.50 to 5.00

TRIGONIDIUM Egertonianum 5.00

UTRICULARIA montana 2.50

Stanhopea insignis

VANDA Amesiana. Each
A dwarf species with numerous very thick roots. Flowers fragrant, 1½ inches across; sepals and petals white, with a delicate flush of light rose-purple. Lip white, slightly tinted with rose. Requires somewhat of a cool treatment. Malayan Arch.....$3.00 to $5.00

V. Batemanni $10.00 to 15.00

V. Boxallii.. $7.50 to 10.00

V. cœrulea (*The Blue Orchid*). Flowers 4 inches across, pale blue, marked with azure-blue, on light blue pedicels in a 10- to 18-flowered raceme; an unusual color, and one of the finest Autumn-flowering Orchids. October-December. India. .....$2 50 to 3.50
Large plants.....
$5.00, $7 50 and 10.00

V. Denisoniana. Burma.....$5.00 to 10.00

Sophronitis grandiflora. *See page 43*

V. gigantea. (*Syn. Stauropsis giganteus.*) ..... Each $10.00 to $15.00

V. Hookeriana 5.00

V. Kimballiana. Flowers 1½ to 2 inches in diameter, white, sometimes faintly flushed with pale purple, and with light purple nerves: lip yellowish, spotted with red-brown. A very beautiful Orchid. Shan States..
$2.00, $3.00 to 5.00

V. limbata..... 2.50

V. Lowii. (*See Aracnanthe Lowii.*) $35.00 to 50.00

V. × Miss Joaquim (*V. teres × Hookeriana*). 5.00 to 10.00

V. Parishii. Flowers very beautiful, large, yellowish-green, brown and magenta-purple. Burma. February-March .....$5.00 to 7.50

V. Parishii var. **Marriottiana.** Burma.... 10.00 to 15.00

V. Sanderiana. The most remarkable of all the Vandas. Flowers flat, 3½ to 4½ inches across, pale brown at base, passing into light purple upward, with pale yellow, green, rose and white. Mindanao. (*See illustrations, page 45 and back cover.*) .....$15.00 to 25.00
A few very large specimens. Price on application.

V. teres. A very handsome and distinct species, of a climbing habit of growth, several feet in length. The flowers are very large, white, slightly tinged with rose, creamy white and rosy magenta. This plant should be placed as near the glass as possible, and given an abundance of water and air while growing—when at rest less will suffice. June-August. Burma. (*See front cover.*) .....$2.50 to 3.50

V. teres alba..... 25.00

V. teres Andersoni.....$3.50 to 5.00

V. teres aurorea..... 3.50 to 5.00

V. teres candida..... 3.50 to 5.00

V. tricolor. Flowers fragrant, fleshy, 2½ to 3 inches across, white, stained with pale purple at the base and more or less densely spotted with bright red-brown on a light yellow ground. Java..... 5.00

V. tricolor planilabris..... 15.00

V. tricolor var. **suavis**.....$2.50, $5.00 to 7.50

VANILLA planifolia..... 2.50

WARSCEWICZELLA aromatica. A rare and little-known plant. Flowers from erect scapes, bearing a solitary flower 3 to 4 inches across, sepals and petals white: lip is azure, purplish at the base, with white border. Costa Rica.....$1.50 to 2.50

Vanda coerulea.

	Each
WARSCEWICZELLA discolor. A pretty tufted Orchid, with flowers somewhat variable, about 2 inches across, ivory white or straw yellow, tinted with purple, with violet-purple lip. Summer months. Costa Rica	$2.50
ZYGOPETALUM Burkei. January-February. Guiana	5.00
Z. Mackayi. Flowers large, greenish-yellow, blotched with brown, white and blue; sweet-scented; best grown in a pot; very useful for cutting. Winter months. Brazil	$1.50 to 2.50
Z. var. **crinitum**	1.50 to 2.50
Z. maxillare var. **Gautieri.** A very beautiful variety; flowers 2 to 3 inches across, with bronzy-brown and violet-purple; labellum violet-blue, sometimes spotted and striated with deeper blue	5.00
Z. xanthinum. (*Syn. Promenæa xanthinum.*)	2.50

Native Hardy Orchids

These are all beautiful and interesting, perfectly hardy, and may be used for planting profusely in the grounds in moist, shady places. Time for delivery, Spring and Fall.

	Per doz.	Per 100
CYPRIPEDIUM spectabile (Large pink Lady's Slipper).		
Plants with 1 to 2 crowns	$3.50	$25.00
" " 3 to 6 "	7.50	50.00
We will quote special prices on the above for large quantities.		
C. pubescens (Large yellow Lady's Slipper)	3.50	25.00
C. parviflorum (Small yellow Lady's Slipper)	3.50	25.00
All the Cypripediums are collected from September to November and are best planted in the Fall.		
HABENARIA psycodes. Flowers lilac, fragrant, on many flower scapes. Flowering season, July-August, when these plants are collected	3.50	25.00
ORCHIS spectabile. Flowers pale purple and white on racemes 4 to 7 inches high; flowers in April-June; collected September and October	3.50	25.00
POGONIA ophioglossoides. Fragrant, pale rose; June-July	3.50	25.00
ARETHUSA bulbosa. Flowers bright rose-pink; May-June	3.50	25.00
CALYPSO borealis	3.50	25.00

Vanda Sanderiana from Island of Mindanao, Philippines. *See page 44 and back cover*

Collections—Special Offer

Special offers to amateurs and new beginners. For the convenience of these we have arranged the following collections of Orchids, consisting of the very best kind—our selection.

Collection No. 1.	50 plants in 50 varieties for	$75.00
Collection No. 2.	25 plants in 25 varieties for	37.50
Collection No. 3.	12 plants in 12 varieties for	18.00
Collection No. 4.	6 plants in 6 varieties for	9.00

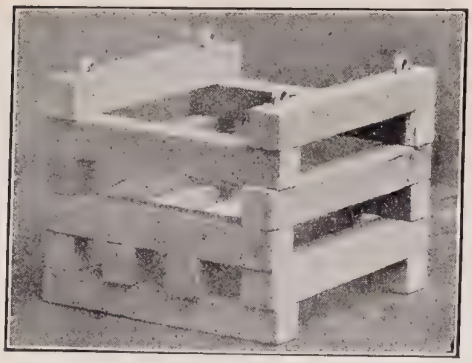
In all of the above collections some Cypripediums will be included.

Collections of Cypripediums—Our Selection

Collection No. 5.	25 plants in 25 varieties for	$37.50
Collection No. 6.	12 plants in 12 varieties for	18.00
Collection No. 7.	6 plants in 6 varieties for	9.00

MATERIALS FOR ORCHID CULTURE

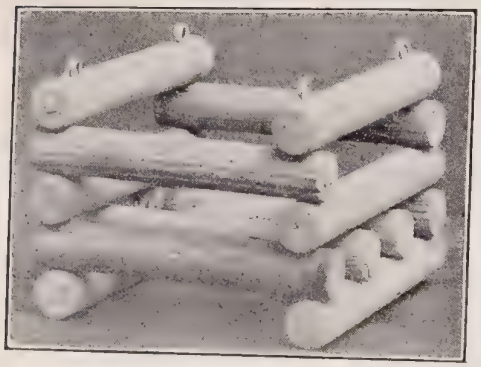
We Have Always on Hand a Complete Line of the Above of First-Class Quality at the following prices



Square Basket

Square Baskets of the Best Seasoned Wood —Our Own Make

	Per doz.		Per doz.
Size 4 inch	$1.75	Size 8 inch	$2.70
" 5 "	1.90	" 9 "	3.00
" 6 "	2.20	" 10 "	3.30
" 7 "	2.45	" 12 "	3.75



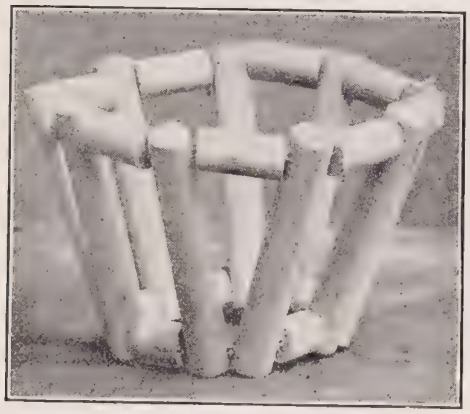
Square Basket, Round Oak

Square Baskets, Round Oak—Our Own Make

	Per doz.		Per doz.
Size 4 inch	$1.90	Size 8 inch	$3.00
" 5 "	2.00	" 9 "	3.50
" 6 "	2.25	" 10 "	4.00
" 7 "	2.70	" 12 "	5.00

Round Baskets, Oak—Our Own Make

	Per doz.		Per doz.
Size 4 inch	$1.75	Size 8 inch	$3.50
" 5 "	2.00	" 9 "	4.00
" 6 "	2.25	" 10 "	4.50
" 7 "	3.00	" 12 "	5.50



Round Basket, Oak

Pans for Orchids

No holes in sides, but with three holes in rim for suspension.

	Per doz.		Per doz.
Size 4 inch	$0.60	Size 8 inch	$1.65
" 5 "	.80	" 9 "	2.00
" 6 "	1.25	" 10 "	2.50
" 7 "	1.40	" 12 "	3.50

Specially Made Orchid Pans

With holes in sides.

Width	Doz.	100	Width	Doz.	100
3 inch	$0.75	$5.00	7 inch	$1.75	$12.00
4 "	.85	6.00	8 "	2.25	16.00
5 "	1.25	8.00	10 "	4.00	30.00
6 "	1.50	10.00	12 "	7.00	50.00

Orchid Peat, Leafsoil and Sphagnum Moss

	Per bbl.		Per bbl.
Selected Orchid Peat	$2.75	**Special Imported Leafsoil,** for Orchids	$4.00
Selected Orchid Peat, picked	4.25	**Sphagnum Moss**	2.75
Peat Soil, for general use	1.50	**Sphagnum Moss,** picked	4.50

Celluloid Labels

These are practically indestructible, and there is nothing like them for labeling plants.
Hanging labels with metal eyelets, 2¼ x 11/16 in., $1.00 per 100.
Sticking labels, 4 x ¾ in., $2.00 per 100.

Insecticides

Nicoticide. The most effective Insecticide we know for thrips, green fly, cattleya fly, red spider, etc. Per pint $2.50, gallon $15.00.

Fumigators for above, 75 cts. each.

Aphine. A very effective insecticide for scale and other pests affecting Orchids or other plants. Gallon $2.50 quart $1.00, pint 65 cts., half pint 40 cts.

Books on Orchids

ORCHIDS, THE BOOK OF

By W. H. White, F. R. S.
Price $1.00

The author of this book is Orchid Grower to Sir Trevor Lawrence, Bart., president of the Royal Horticultural Society of England, whose extensive collection of these plants is known to every Orchid enthusiast. The author is therefore fully equipped to deal with the subject under consideration, and he has produced a handy little work of the most practical nature. The chapters on handling newly imported plants and the pottings of Orchids in leafsoil instead of the old-time peat, are particularly instructive, as also are the directions given for watering, ventilating, building of houses in which to grow Orchids, etc. Almost one hundred pages are devoted to the Orchid genera, which are fully described, the subject-matter being interspersed with illustrations.

ORCHIDS, THEIR CULTURE AND MANAGEMENT

By W. Watsom, Assistant Curator Royal Gardens, Kew, England
Price $10.00

Descriptions of all the kinds in general cultivation. Illustrated by colored plates and numerous engravings. A well-printed book of 554 pages. A new edition of this book has just been issued, in which some additions have been made to the plants enumerated in the first edition, and corrections made with the aid of recently published botanical works. The book is also enhanced by the addition of 8 colored plates.

ORCHID GROWERS' MANUAL, THE

By B. S. Williams, F. L. S., F. R. H. S.
Super Royal 8vo., gilt edge, cloth. 300 illustrations, Price $10.00

Contains 800 pages and descriptions of upwards of 2,500 species and varieties of Orchidaceous plants, together with their synonyms, also authorities for the names, the families to which the various genera belong, the flowering period, native country, and reference to figures, besides much more information. The most complete work on Orchids ever published.

ORCHIDACEOUS PLANTS, MANUAL OF

By James Veitch & Sons, England
Freely illustrated with woodcuts and maps. 2 vols. Cloth, 8vo. Price $33.50

Compiled to supply amateur cultivators of Orchids with an account of the principal genera, species and varieties in cultivation. Articles on the morphology of the flowers, structure of the plants, fertilization, hybridization, geographical distribution (with maps), classification, history of Orchid culture, etc., and a list of Orchid literature.

ORCHID CULTIVATOR'S GUIDE BOOK, THE AMATEUR

By H. A. Burberry
Profusely illustrated. Cloth, 8vo. Price $2.50

In plain, concise words the author gives easily understood instruction on all the important points belonging to every-day work in the culture and management of Orchids.

ORCHID STUD BOOK, THE

By Robert Allen Rolfe, A. L. S., and Charles Chamberlain Hurst, F. L. S.
Price $4.00

An enumeration of Hybrid Orchids of artificial origin. With their parents, raisers, date of first flowering, references to description and figures and synonymy. With an historical introduction and 120 figures and a chapter on Hybridizing and Raising Orchids from Seed.

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ORCHIDS

VANDA SANDERIANA

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